EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	(return refund) same (merchandise product item) same (server) same (POS (point adj of adj sale))	USPAT	OR	OFF	2007/06/26 11:56
S2	21365	(return refund) same (merchandise product item)	USPAT	OR	OFF	2007/06/27 10:26
S3	35401	(return refund) same (merchandise product item)	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:56
S4	26145	(return refund) same (merchandise product item.ab.)	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:56
S5	1092	(return refund) same (merchandise product item).ab.	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:58
S6	601	S5 and (@ad<"20001130").ad.	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:58
S7	181	(return refund) near2 (merchandise product item).ab.	US-PGPUB; USPAT	OR	OFF	2007/06/27 08:38
S8	71	S7 and (@ad<"20001130").ad.	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:34
S9	181	(return refund) near2 (merchandise product item).ab.	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:34
S10	71	S9 and (@ad<"20001130").ad.	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:34
S11	110	S9 not S10	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:35
S12	28	("20010037248" | "20020010689" | "20020019785" | "20020073170" | "20020138356" | "4958280" | "4967906" | "5042686" | "5178419" | "5257741" | "5533079" | "5628530" | "5712989" | "5737539" | "5803499" | "5823948" | "5898586" | "5961151" | "6003006" | "6018719" | "6021392" | "6047259" | "6055507" | "6056322" | "6208974" | "6249774" | "6536659" | "RE35743").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/26 15:02
S13	0	(return refund) near2 (merchandise product item) near3 (another different chain) near2 (store)	US-PGPUB; USPAT	OR	OFF	2007/06/27 08:40
S14	0	(return refund) near2 (merchandise product item) near3 (another different chain) near3 (store)	US-PGPUB; USPAT	OR	OFF	2007/06/27 09:10
S15	4	(return refund) near2 (merchandise product item) near5 (another different chain) near3 (store)	US-PGPUB; USPAT	OR	OFF	2007/06/27 08:40

| S16 | 243 | ("20010000535" \| "20010011680" \| "20010025245" \| "20010034609" \| "20010042022" \| "20010047223" \| "20010047343" \| "20020019811" \| "20020029196" \| "20020038165" \| "20020046121" \| "20020062249" \| "20020077889" \| "20020077890" \| "20020077902" \| "20020087413" \| "20020091537" \| "20020094111" \| "20020111917" \| "20020112177" \| "20020116266" \| "20020128851" \| "20020148892" \| "20020153414" \| "20020161629" \| "20020162031" \| "20020173986" \| "20020178063" \| "20020194128" \| "20020196963" \| "20030006277" \| "20030009382" \| "20030009393" \| "20030018522" \| "20030018567" \| "20030034876" \| "20030046228" \| "20030055727" \| "20030067396" \| "20030075287" \| "20030076417" \| "20030090473" \| "20030105725" \| "20030144956" \| "20030150907" \| "20030183689" \| "20030187790" \| "20030187796" \| "20030191709" \| "20030209599" \| "20030216967" \| "20030216987" \| "20030222135" \| "20030229539" \| "20030229540" \| "20030229790" \| "20030236704" \| "20040012481" \| "20040020982" \| "20040024672" \| "20040039632" \| "20040054587" \| "20040083172" \| "20040088232" \| "20040088295" \| "20040143505" \| "20040155101" \| "20040158524" \| "20040192434" \| "20040201520" \| "20040215565" \| "20040254840" \| "20050010478" \| "20050055582" \| "20050144133" \| "4230214" \| "4359631" \| "4553222" \| "4716593" \| "4879747" \| "4915205" \| "4995081" \| "5042073" \| "5086389" \| "5144553" \| "5274695" \| "5280527" \| "5289183" \| "5335288" \| "5351187" \| "5352876" \| "5386104" \| "5412738" \| "5450980" \| "5453601" \| "5455407" \| "5483601" \| "5485510" \| "5523551" \| "5546523").PN. OR ("5581630" \| "5594806" \| "5598474" \| "5602933" \| "5613012" \| "5615217" \| "5615277" \| "5657389" \| "5679938" \| "5688974" \| "5696739" \| "5719950" \| "5722526" \| "5737439" \| "5745598" \| "5751973" \| "5764789" \| "5790674" \| "5790785" \| "5799092" \| "5802199" \| "5805082" \| "5805719" \| "5832464" \| "5838812" \| "5845256" \| "5850442" \| "5857079" \| "5864623" | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/27 09:08 |

EAST Search History

S17	1	"5189607".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 09:09
S18	0	(return refund) near2 (merchandise product item) near3 (another different chain) near3 (store location)	US-PGPUB; USPAT	OR	OFF	2007/06/27 09:11
S19	15	(return refund) near2 (merchandise product item) near3 (another different chain) near3 (store location)	US-PGPUB; USPAT	OR	ON	2007/06/27 09:14
S20	67	(return) near2 (merchandise product item) near3 (another different)	US-PGPUB; USPAT	OR	ON	2007/06/27 09:14
S21	21210	(return) same (merchandise product item)	USPAT	OR	OFF	2007/06/27 10:26
S22	5846	(return) same (merchandise item)	USPAT	OR	OFF	2007/06/27 10:26
S23	162	(return) same (merchandise item). ab.	USPAT	OR	OFF	2007/06/27 10:27
S24	41	(return) near3 (merchandise item). ab.	USPAT	OR	OFF	2007/06/27 10:29
S25	85376	(different another) near2 (location store)	USPAT	OR	ON	2007/06/27 10:30
S26	1535	(different another) near2 (location store) same (return)	USPAT	OR	ON	2007/06/27 10:30
S27	67	(different another) near2 (location store) near2 (return)	USPAT	OR	ON	2007/06/27 10:32
S28	111	(different another alternate) near2 (location store) near3 (return)	USPAT	OR	ON	2007/06/27 10:33
S29	133	(different another alternate) near3 (location store) near3 (return)	USPAT	OR	ON	2007/06/27 10:33
S30	66	S29 not S27	USPAT	OR	ON	2007/06/27 10:33
S31	22	S30 and (merchandise or item)	USPAT	OR	ON	2007/06/27 10:37
S32	0	(POS (point adj of adj Sale))same (return near2 (merchandise item product) near5 (different alternate another) near3 (location store))	USPAT	OR	ON	2007/06/27 10:40
S33	0	(POS (point adj of adj Sale))same (return near2 (merchandise item product) near5 (different alternate another) near3 (location store))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:40

EAST Search History

S34	0	(POS (point adj of adj Sale)) same (return near2 (merchandise item product) near5 (different alternate another) near3 (location store))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:40
S35	136	(POS (point adj of adj Sale)) same (return near2 (merchandise item product))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:54
S36	1325	(cancel near2 transaction)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:55
S37	40	(cancel near2 transaction).ab.	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:59
S38	79	(return refund exchange) near2 (merchandise item) near2 (store)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 11:00
S39	76	S38 not S23	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 11:00
S40	6	S39.ab.	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 14:38
S41	5	nintendo.as. and (merchandise same return)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 14:38

S42	84	("0789106" | "1330368" | "1393489" | "1476819" | "4312037" | "4414467" | "4458802" | "4563739" | "4598810" | "4668150" | "4734005" | "4750119" | "4789054" | "4803348" | "4812629" | "4814592" | "4839505" | "4858743" | "4866661" | "4871054" | "4884212" | "4893705" | "4896024" | "4903815" | "4967906" | "4984155" | "4997076" | "5007518" | "5020958" | "5028766" | "5042686" | "5133441" | "5139384" | "5143193" | "5159560" | "5216612" | "5256863" | "5257741" | "5273183" | "5311424" | "5375240" | "5478990" | "5520990" | "5521815" | "5537314" | "5541394" | "5602377" | "5671279" | "5712989" | "5721832" | "5737726" | "5745036" | "5799285" | "5804803" | "5857175" | "5895453" | "5913210" | "5918214" | "5950173" | "5968110" | "5984508" | "6014635" | "6016480" | "6029139" | "6029141" | "6039244" | "6049778" | "6055511" | "6064979" | "6085167" | "6105001" | "6115690" | "6119099" | "6119164" | "6125352" | "6134533" | "6148249" | "6154738" | "6219652" | "6222914").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 14:40
S43	18	S42 and ((merchandise item) same (return))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 14:41
S44	2	("6757663").URPN.	USPAT	OR	OFF	2007/06/27 14:46
S45	15	("6018719").URPN.	USPAT	OR	OFF	2007/06/27 14:47
S46	9	("4563739" | "5159560" | "5216612" | "5256863" | "5257741" | "5311424" | "5478890" | "5602377" | "5745036").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 14:49

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("(return$orrefund$)same(POSor(pointadjofadjsale))").PN.	USPAT; USOCR	OR	OFF	2007/02/13 12:13
S2	0	(return$orrefund$)same(POSor(pointadjofadjsale))	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:14
S3	2039	(return$ or refund$)same(POS or (point adj of adj sale))	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:14
S4	624	(return$ or refund$)same(POS or (point adj of adj sale)) with (register or terminal)	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:15
S5	653	(return$ or refund$)same(POS or (point adj of adj sale)) with (register$ or terminal)	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:15
S6	1	(return$ or refund$)same(POS or (point adj of adj sale)) with (register$ or terminal) same plurality .ab.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:15
S7	10	(return$ or refund$)same(POS or (point adj of adj sale)) with (register$ or terminal) .ab.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:16
S8	115	(return$ or refund$)same(POS or (point adj of adj sale)) with (register$ or terminal) .ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/13 12:19
S9	379	(705/21).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/13 12:20
S10	312	(705/21).ccls.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:20
S11	111	(705/21).cor.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:20
S12	54	(705/21).cor.	USPAT	OR	OFF	2007/02/13 12:21

S13	31	("4033442" | "4412292" | "4432050" | "4468750" | "4598379" | "4884671" | "4888683" | "5023782" | "5119293" | "5119294" | "5243174" | "5255182" | "5274368" | "5282127" | "5377271" | "5477037" | "5479479" | "5500890" | "5526409" | "5608643" | "5631907" | "5663887" | "5678937" | "5742845" | "5768495" | "5787288" | "5790796" | "5984364" | "5997928" | "6015087" | "6293469").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/13 12:41
S14	3133069	(return returned returns refund) near$3 (product purchase item shopping) same (cash register)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/13 12:43
S15	2268524	(return returned returns refund) near$3 (product purchase item shopping) same (cash register)	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:43
S16	1605926	(return returned returns refund) near$3 (product purchase item shopping) same (cash register)	USPAT	OR	OFF	2007/02/13 12:43
S17	1600625	(return returned returns refund) near$3 (product purchase item shopping) same (cash adj register)	USPAT	OR	OFF	2007/02/13 14:23
S18	0	"20050044069"	USPAT	OR	OFF	2007/02/13 14:24
S19	1	"20050044069"	US-PGPUB	OR	OFF	2007/02/13 14:26
S20	1	"20020111885"	US-PGPUB	OR	OFF	2007/02/13 14:28
S21	0	"6609106".pn.	US-PGPUB	OR	OFF	2007/02/13 14:28
S22	1	"6609106".pn.	USPAT	OR	OFF	2007/02/13 14:30
S23	8	"6611814"	USPAT	OR	OFF	2007/02/13 14:30
S24	1	"6611814".pn.	USPAT	OR	OFF	2007/02/14 08:25
S25	1	"6609106".pn.	USPAT	OR	OFF	2007/02/14 08:50
S26	8	"6493742"	USPAT	OR	OFF	2007/02/14 08:50
S27	1	"6493742".pn.	USPAT	OR	OFF	2007/02/14 10:53
S28	1	"5978774".pn.	USPAT	OR	OFF	2007/02/14 10:53
S29	0	(705/2122).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:04
S30	936	(705/21,22).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:19

S31	197	S30 and ((return$3 refund$3 exchange) near5 (merchandise item product))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:07
S32	16	S31 and ((POS (point adj of adj sale) (cash adj register)) near3 (updat$3 query send$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:08
S33	18	S31 and ((POS (point adj of adj sale) (cash adj register)) near5 (updat$3 query send$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:08
S34	34	S31 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat$3 query send$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:13
S35	4	S31 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat$3 query send$3) near5 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:13
S36	4	S31 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat$3 query send$3) near10 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:13
S37	15	S30 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat$3 query send$3) near10 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:22
S38	254	((POS (point adj of adj sale) (cash adj register)) near10 (updat$3 query send$3) near10 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:22
S39	39	S38 and ((return$3 refund$3 exchange) near5 (merchandise item product))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:22
S40	35	S39 not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:40

S41	607	(return refund) same (merchandise item) same (another different) same (chain near S38 store)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:42
S42	3	(return refund) same (merchandise item) same (another different) same (chain near S38 store) and ((POS (point adj of adj sale) (cash adj register)) near10 (updat$3 query send$3) near5 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 21:04
S43	11	(return refund) same (merchandise item) same (another different) same (chain near S38 store) .ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:42
S44	2	"20020065727"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:48
S45	1	"20020065727"	US-PGPUB; USPAT	OR	ON	2007/07/16 21:06
S46	3	(return refund void cancel) same (merchandise item) same (another different) same (chain near S38 store) and ((POS (point adj of adj sale) (cash adj register)) near10 (updat$3 query send$3) near5 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 21:05
S47	1	"20020019785"	US-PGPUB; USPAT	OR	ON	2007/07/16 21:06

STIC Database Tracking Number: 215588

TO: Mussa Shaawat **Location: KNX 05 D14** **Art Unit : 3627** **Case Serial Number: 09976153**	**From: Paul Obiniyi** **Location: EIC 3600** **KNX 04 C25** **Phone: 27734** **paul.obiniyi@uspto.gov**

Search Notes

Dear Examiner Shaawat,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

Today's Date:	Class/Subclass	What date would you like to use to limit the search?
11/13/2006	705/21	Priority Date: 11/30/2000 Other:

Name Mussa Shauwat

AU 3627   Examiner # 80354

Room # 5D20   Phone 2-2945

Serial # 09/976-153

Format for Search Results (Circle One):

(PAPER)   DISK   EMAIL

Where have you searched so far?

USP DWPI (EPO) (JPO) ACM (IBM)TDB

IEEE INSPEC SPI   Other _____

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at http://ptoweb/patents/stic/stic-tc3600.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Looking for prior to reject a claim regarding a plurality of a plurality of terminals (e.g. cash register regsters) and a main server. Key: if a refund is due one can query any one of terminals to cancel the a transacti or apply a correction on a reciept,

STIC Searcher Paul Obiny   Phone 27734

Date picked up 02/13/07   Date Completed 02/14/07
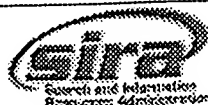
STIC Search Results
Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher or contact*:

Karen Lehman, EIC 3600 Team Leader
KNX 4A58, 571-271-3496

Voluntary Results Feedback Form

➤ *I am an examiner in Workgroup:* ⬚⬚⬚⬚⬚⬚⬚⬚   *Example: 3620 (optional)*

➤ *Relevant prior art **found**, search results used as follows:*
- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:
- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art **not found**:*
- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

sira
Search and Information
Resources Administration

? show files //

```
 ; d s
Set      Items    Description
S1       320650   S SERVER? ? OR MAIN()SERVER? ? MAIN()TERMINAL? ?
S2      5490870   S (NODE? OR TERMINAL? OR COMPUTER? OR CLIENT? OR WORKSTATION?? OR
STATION?? )
S3        27045   S (POINT()OF ()SALE? ? OR POS OR (CASH OR SALE? ?)(3N)REGISTER? ?)
S4       130281   S (S1 OR S2)(7N)(REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES
OR INQUIR???)
S5         1005   S S3(7N)(MULTIPLE OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR MULTI OR
MORE(2W)ONE)
S6        18690   S (CANCEL??? OR STOP??? OR TERMINAT??? OR ABORT???)(7N)(ORDER? ? OR TRADE?
? OR TRADING OR TRANSACTION? ? OR PURCHAS???)
```

```
S7        5821   S (ADJUST? OR CHANG? OR MODIF? OR CORRECT?)(7N)(INVOICE? ? OR RECEIPT? ?
OR BILL? ?)
S8        1356   S S1 AND S3
S9          10   S S8 AND (S6 OR S7)
S10         10   RD  (unique items)
S11        176   S S8 AND S4
S12        156   S S11 AND S2
S13         16   S S12 AND S5
S14         16   RD  (unique items)

?
```

10/3,K/1 (Item 1 from file: 347) **Links**
JAPIO
07116994 **Image available**
NETWORK SYSTEM, ADVERTISEMENT INFORMATION RECEPTION/ INSERTION PROCESSING METHOD AND RECORDING MEDIUM WITH THE METHOD RECORDED THEREON

Pub. No.: 2001-344662 [JP 2001344662 A]
Published: December 14, 2001 (20011214)
Inventor: MINOWA MASAHIRO
Applicant: SEIKO EPSON CORP
Application No.: 2001-091338 [JP 200191338]
Filed: March 27, 2001 (20010327)
Priority: 2000-087280 [JP 200087280], JP (Japan), March 27, 2000 (20000327)

ABSTRACT
...recruiting, something to look for, announcement, cooperation request, etc., into a receipt issued from a **POS** terminal, a voucher issued from a kiosk terminal, a reception number table, etc., issued from... ...payment information of a cost for advertisement information are transmitted to a receiving and distributing **server** system for receiving and distributing the application advertising information and a **server** system calculates charging information in accordance with the received advertising information to transmit it to a client PC through the Internet. The **server** system confirms the completion of a paying procedure and then transmits the advertising information to a center computer, which distributes the received advertising information to plural store **POS** systems. Each of the **POS** systems receiving the advertising information prints the advertising information together with the **adjustment** information of purchased merchandise to the **receipt** to be issued in the **adjustment** processing of a customer.

10/3,K/2 (Item 1 from file: 350) **Links**
Derwent WPIX

0016176917 *Drawing available*
WPI Acc no: 2006-708557/200673
XRPX Acc No: N2006-557730
Financial transaction verification system, has processing server under control of financial services provider, where transaction processing client, server and telecommunications client are connected to telecommunications networks
Patent Assignee: NARAINSAMY S (NARA-I)
Inventor: NARAINSAMY S; WEIDEMAN G P

Patent Family (1 patents, 111 countries)

Application

Financial transaction verification system, has processing server under control of financial services provider, where transaction processing client, server and telecommunications client are connected to telecommunications networks

Alerting Abstract ...NOVELTY - The system has a transaction processing **server** under a control of a financial services provider. A telecommunications client is provided under the control of a transaction initiator. A transaction processing client, the **server** and the telecommunications client all are connected to a set of telecommunications networks. The **server** is programmed to use the data pertaining to the initiator and the client previously stored...
...ADVANTAGE - The transaction processing client, programmable transaction processing **server** and the telecommunications client all are connected to the telecommunications networks, thus providing an authentication...

Original Publication Data by Authority

Original Abstracts:
The financial transaction verification system of this invention comprises a **POS** terminal that serves as a programmable transaction processing client, a bank **server** or **servers** that constitute a programmable transaction processing **server**; and a customer with a telephone, cell phone or other telecommunications appliance (a telecommunications client under the control of the transaction initiator). The **POS** terminal (transaction processing client) is connected to the bank **servers** (transaction processing **server**) by way of a PSTN. The telecommunications client is constituted by a customer cell phone or any other telecommunications appliance, which is connected to the bank **servers** (transaction processing **server**) by way of a GSM, GPRS or other wireless network (Wi-Fi or WiMax) or... ... programmed with a transaction authorisation code transmitted to the customer cell phone by the bank **server** by way of an SMS message. This process can be automated by programming the cell... ... to the user. A duplicate of the transaction authorisation code is stored in the bank **server** (transaction processing **server**) as the currently valid transaction authorisation code. The **POS** terminal (transaction processing client) is programmed, when in use a transaction is initiated and processed through the **POS** terminal to record transaction data, normally directly from the till of which the **POS** terminal forms a part or by way of keypad entries: In addition, the **POS** terminal is used to obtain customer account data, normally by swiping the customer's credit card through the magnetic stripe reader forming part of the **POS** terminal. The **POS** terminal (transaction processing client) transmits the recorded transaction data to the bank **server** (transaction processing **server**) by way of the PSTN to which it and the bank **server** are connected. The bank **server** (transaction processing **server**) uses the customer's bank account data to carry out the normal customer identification and available balance checks found in existing financial transaction verification systems. In addition, however, the bank **server** is programmed to formulate a transaction authorisation request to the **POS** terminal and to transmit the transaction authorisation request to the **POS** terminal by way of the PSTN. The **POS** terminal (transaction processing client) is programmed, as a precondition for the further processing of the... ...receipt of the transaction authorisation request, the entry of a transaction authorisation code into the **POS** terminal. The code that must be entered is the transaction authorisation code first programmed into ... ...PIN to access the secure memory are of the phone and then enter into the **POS** terminal by way of the terminal keypad.

Upon entry of the code he **POS** terminal is programmed to transmit the code so entered to the bank **server** by means of the PSTN. At the bank, the bank **server** (transaction processing **server**) compares the code transmitted to it by the **POS** terminal to the currently valid transaction authorisation code stored in the bank **server**. If a correct transaction authorisation code is received, the bank **server** issues a transaction processing notification to the **POS** terminal by way of the PSTN authorising the transaction to proceed. If an incorrect code is entered, the **transaction** is **aborted** and the bank **server** transmits a failed **transaction** notification to the **POS** terminal. At the same time the bank **server** transmits a new transaction authorisation code to the customer cell phone (telecommunications client) by way... ... GSM network and stores a duplicate of the new transaction authorisation code in the bank **server** as the currently valid transaction authorisation code. By the addition of a smart card or... ... transaction verification system of the invention can be adapted to accommodate situations in which the **POS** terminal (transaction processing client) fails, in use, to communicate with the bank **server** (transaction processing **server**), such as when the telephone lines of the PSTN are down or the bank **server** is down. The portable programmable logic device of preference is a smart card... ... Le systeme de verification de transactions financieres de l'invention comprend un terminal **POS** qui sert de client de traitement de transactions programmable, un serveur ou des serveurs bancaires... ... telecommunications (un client de telecommunications sous le controle de l'initiateur de transactions). Le terminal **POS** (client de traitement ...de traitement de transactions) en tant que code d'autorisation de transaction valide. Le terminal **POS** (client de traitement de transactions) est programme, lorsqu'il est en cours d'utilisation, une transaction est initiee et traitee par le terminal **POS** afin d'enregistrer des donnees de transaction, normalement directement a partir du plateau dont le terminal **POS** fait partie ou au moyen d' entrees clavier. De plus, le terminal **POS** est utilise afin d'obtenir des donnees de compte client, normalement par glissement de la carte de credit du client dans le lecteur de bande magnetique faisant partie du terminal **POS**. Le terminal **POS** (client de traitement de transactions) transmet les donnees de transaction enregistrees au serveur bancaire (serveur... ...bancaire est programme afin de formuler une demande d'autorisation de transaction aupres du terminal **POS** et pour transmettre la demande d'autorisation de transaction au terminal **POS** au moyen du RTPC. Le terminal **POS** (client de traitement de transactions) est programme, condition prealable au traitement ulterieur de la transaction... ...autorisation de transaction, l'entree d'un code d'autorisation de transaction dans le terminal **POS**. Le code qui doit etre entre est le code d'autorisation de transaction programme en... ...acceder a la zone de memoire securisee du telephone puis pour entrer dans le terminal **POS** au moyen du clavier du terminal. Lors de l'entree du code, le terminal **POS** est programme pour transmettre le code ainsi entre au serveur bancaire au moyen du RTPC... ...systeme de traitement de transactions) compare le code qui lui est transmis par le terminal **POS** au code d'autorisation de transaction valide stocke dans le serveur bancaire. Si un code... ... est recu, le serveur bancaire emet une notification de traitement de transaction vers le terminal **POS** au moyen du RTPC autorisant la poursuite de la transaction. Si un code incorrect est... ... transaction est avortee et le serveur bancaire transmet une notification de transaction echouee au terminal **POS**. Dans le meme temps, le serveur bancaire transmet un nouveau code d'autorisation de transaction... ... l'invention peut etre concu pour s'adapter a des situations dans lesquelles le terminal **POS** (client de traitement de transactions) ne parvient pas, lors de l'utilisation, a communiquer avec...

10/3,K/3 (Item 2 from file: 350) **Links**
Derwent WPIX

0015383293 *Drawing available*
WPI Acc no: 2005-727706/200575

Printing system for point of sale system used in e.g. supermarket, has information providing server that generates advertising or sales promotion information if product information is provided in transaction information
Patent Assignee: MINOWA M (MINO-I); SEIKO EPSON CORP (SHIH)
Inventor: MINOWA M

Patent Family (5 patents, 39 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1587039	A2	20051019	EP 20057804	A	20050408	200575	B
JP 2005301505	A	20051027	JP 2004114279	A	20040408	200575	E
JP 2005301506	A	20051027	JP 2004114280	A	20040408	200575	E
US 20050242178	A1	20051103	US 2005102049	A	20050408	200575	E
CN 1702695	A	20051130	CN 200510063887	A	20050408	200628	E

Priority Applications (no., kind, date): JP 2004114280 A 20040408; JP 2004114279 A 20040408

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
EP 1587039	A2	EN	33	16		
Regional Designated States,Original	AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU					
JP 2005301505	A	JA	22			
JP 2005301506	A	JA	25			

Printing system for point of sale system used in e.g. supermarket, has information providing server that generates advertising or sales promotion information if product information is provided in transaction information
Original Titles:
Drucksystem, **POS**-System, Verbindungsgerat und Prufverfahren fur ein Drucksystem... ...Printing system, **POS** system, connection device, and control method for a printing system... ...Systeme d'impression, systeme de **POS**, dispositif de connexion et procede de commande pour un systeme d'impression... ...PRINT SYSTEM, **POS** SYSTEM, CONNECTION DEVICE, AND METHOD FOR CONTROLLING **POS** SYSTEM... ...PRINT SYSTEM, **POS** SYSTEM, CONNECTION DEVICE, AND PRINTING CONTROL METHOD... ...Printing system, **POS** system, connection device, and control method and control program for printing system

Alerting Abstract ...printer (50) transmits transaction information received from computer (40), to print processor and information-providing **server** (70). The **server** analyzes transaction information, determines whether transaction

information contains product information to which advertizing or sales...

... point of sale (POS) system; **connection** device; printing system control method; and computer readable medium storing printing system control program... ... related to transaction process in POS system (claimed) used in e.g. supermarket.

... ... can be printed on issued receipt without changing point of sale application or modifying the **computer**.

... ... printing apparatus and information providing server.

Technology Focus
INDUSTRIAL STANDARDS - The serial data communication between host interface and internet protocol **server** interface of printer conforms to RS-232C standard.

Original Publication Data by Authority

Original Abstracts:
Advertising or sales promotion information can be additionally printed on a receipt (61) without needing to change the POS application. **The POS system** (10) has a terminal computer (40) for generating first print data based on transaction information, an IP server (70) for generating **second** print data as the advertising or sales promotion information, and a printer (50) in which... ... 51) for connection to the terminal computer (40) and information-providing server (70) can be **installed**. The interface device (51) has a first print data processing unit (151) and a second... ... received from the terminal computer to the printer and information-providing server. The second print **data** processing unit (153) sends the second print data received from the information-providing server to the printer. **The** information-providing server generates the second **print** data by interpreting the first print data received from the interface device... ... be additionally printed on a sales receipt without changing the POS application of the POS **system**, which **includes** a **terminal** computer for generating **first** print (e.g., sales) data based on transaction information, a server for generating second print data comprising advertising or **sales** promotion information, and a printer in which an interface device for communication with the terminal computer and the server is installed. The interface device has a first **print** data processing unit and a second print data processing unit, the former of which passes... ... computer to both the printer and server. The server generates the second print data based **on the content** of the first print data, and then sends the second print data to the interface...

...

Claims:
creating and printing the receipt (61);an information-providing server (70) for generating second print **data** containing advertising or sales promotion information for each transaction process according to the content of... ... providing server (70), anda second print data processing unit (153) for sending the second **print** data received from the information-providing server (70) to the print processing unit (60) for printing; and the information-providing server (70) **comprises**- a second print data generating unit (171) for analyzing the first print data received from **the** interface device (51), determining if the first print data contains product information for which advertising... ... promotion information stored in the information-providing server is relevant to the sales information of **the** first print data, and to selectively generate second print data containing relevant advertising or sales... ... information based on the analyze and determine operations; andan interface device in communication with **the** terminal computer and the information-providing server, the interface device being configured to receive the... ... the first print data received from the terminal computer to the print processing unit for **printing** and to the information-providing server for analysis, anda second print data processing unit... ... the print processing unit is configured to print a receipt based on the first print **data**, and also on the second print data if generated.

10/3,K/4 (Item 3 from file: 350) **Links**
Derwent WPIX

0014913821 *Drawing available*
WPI Acc no: 2005-261498/200527
XRPX Acc No: N2005-214727
Personal retail tool e.g. key chain device for gasoline retail transaction, has non-volatile memory that stores software to display menu choices, and wireless transmitter having specified communication range
Patent Assignee: KRAUSE R (KRAU-I)
Inventor: KRAUSE R

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050068190	A1	20050331	US 2003507804	P	20030930	200527	B
			US 2004949462	A	20040924		

Priority Applications (no., kind, date): US 2003507804 P 20030930; US 2004949462 A 20040924

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050068190	A1	EN	20	13	Related to Provisional	US 2003507804

Original Titles:
Personal retail tool and **server** system

Alerting Abstract ... retail transactions at point-of-sale; and retail transaction server.

Original Publication Data by Authority

...

Original Abstracts:
small personal retail tool wirelessly connects to a wireless retail transaction server. The server sends **information** concerning **the** store's menu to the retail tool. The customer is then able to select from the menu and order using the personal retail tool. The retail server processes the order **and** requests payment from the retail tool. The retail tool then optionally requests a PIN number from the customer in order to access stored payment information. The order is completed and **the** connection is terminated. The retail server **is** designed to **appear** as a cash register to a **retailer's** back-end server. However, instead of **going** through a cashier, the retail server enables customers to **place**

orders and make payment on their own, without first waiting in line, without rushing and... ... place their order with a cashier can still use the retail server solely to pay **for** their purchases.

10/3,K/5 (Item 4 from file: 350) **Links**
Derwent WPIX

0014743931 *Drawing available*
WPI Acc no: 2005-091557/200510
XRPX Acc No: N2005-080012
Financial transaction verification system e.g. for cheque-based transaction, has telecommunication client which processes request from server and outputs transaction authorization signal when correct authorization code is input
Patent Assignee: NARAINSAMY S (NARA-I); RADIO SURVEILLANCE TECHNOLOGIES PTY LTD (RADI-N)

Inventor: NARAINSAMY A; NARAINSAMY A K; NARAINSAMY S; WRIGHT A; WRIGHT A G

Patent Family (5 patents, 107 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2005001670	A2	20050106	WO 2004ZA72	A	20040630	200510	B
ZA 200407928	A	20050831	ZA 20047928	A	20041001	200561	E
EP 1639535	A2	20060329	EP 2004757446	A	20040630	200623	E
			WO 2004ZA72	A	20040630		
AU 2004252925	A1	20050106	AU 2004252925	A	20040630	200656	E
ZA 200600333	A	20060830	ZA 2006333	A	20051214	200662	E

Priority Applications (no., kind, date): ZA 20035129 A 20030630; ZA 20036980 A 20030908; ZA 20038654 A 20031106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2005001670	A2	EN	43	11		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					

ZA 200407928	A	EN	18			
EP 1639535	A2	EN			PCT Application	WO 2004ZA72
					Based on OPI patent	WO 2005001670
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR					
AU 2004252925	A1	EN			Based on OPI patent	WO 2005001670
ZA 200600333	A	EN	51			

...

verification system e.g. for cheque-based transaction, has telecommunication client which processes request from server and outputs transaction authorization signal when correct authorization code is input

Alerting Abstract ...initiated transaction, and financial account of initiator with respect to service provider, for transmission to **server**. The **server** generates authorization request based on received data, and transmits it to telecommunication client. The telecommunication...

... transaction processing client; transaction processing server; telecommunication server; telecommunication **client**; financial transaction verification **method**; and transaction processing server operating method.

... ... sale (POS) terminal such as automatic teller machine connected to public subscriber telephone network (PSTN) **and** global system for mobile communication (GSM) network, using personal communication device such as mobile telephone

Original Publication Data by Authority

...

Original Abstracts:
the transaction is initiated (on a primary data channel), using a POS terminal as a **transaction** processing client. The transaction processing server and financial services **provider** fulfill their normal functions. At this point, the process loops into a transaction authorisation component... ... authorisation of the transaction. If the card holder is not the transaction initiator, the card **holder** can cancel the transaction. If **the** transaction **can** be authorised, **an** authentication process is initiated in which the mobile phone is programmed to require the entry... ... a primary data channel), using a POS terminal as a transaction processing client. The transaction **processing** server and financial services provider fulfill their normal functions. At this point, the process loops into a transaction authorisation component using the parallel data channel... ... the card holder is not the transaction initiator, the card holder can cancel the transaction. **If** the transaction can be authorised, **an** authentication **process** is initiated **in** which the mobile phone is programmed to require the entry of a normally secret code... ... terminal POS, en tant que client. pour le traitement de la transaction. Le serveur de **traitement** de transaction et le fournisseur de services financiers remplissent leurs fonctions normales. A ce stade...

10/3,K/6 (Item 5 from file: 350) **Links**
Derwent WPIX

0013811353 *Drawing available*
WPI Acc no: 2003-301320/
XRPX Acc No: N2003-239689
Credit card permission control for mobile telephone comprises distribution server, service and logging databases, validation unit, telephone identifier extraction and connection to existing payment service
Patent Assignee: BLUEGRID AB (BLUE-N)
Inventor: FALK S; HEDMAN M; KJELLMAN C; WAHLSTROEM P; WAHLSTROM P

Patent Family (6 patents, 100 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003025818	A1	20030327	WO 2002SE1680	A	20020916	200329	B
SE 200103094	A	20030319	SE 20013094	A	20010918	200337	E
SE 521037	C2	20030923	SE 20013094	A	20010918	200364	E
EP 1436744	A1	20040714	EP 2002770360	A	20020916	200446	E
			WO 2002SE1680	A	20020916		
AU 2002335600	A1	20030401	AU 2002335600	A	20020916	200452	E
US 20050021787	A1	20050127	WO 2002SE1680	A	20020916	200509	E
			US 2004494763	A	20040505		

Priority Applications (no., kind, date): SE 20013094 A 20010918

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003025818	A1	EN	26	5		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
SE 200103094	A	SV				
SE 521037	C2	SV				
EP 1436744	A1	EN			PCT Application	WO 2002SE1680
					Based on OPI patent	WO 2003025818
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
AU 2002335600	A1	EN			Based on OPI patent	WO 2003025818
US 20050021787	A1	EN			PCT Application	WO 2002SE1680

Credit card permission control for mobile telephone comprises distribution server, service and logging databases, validation unit, telephone identifier extraction and connection to existing payment service

Alerting Abstract ...NOVELTY - A distribution **server** (30) distributes electronic documents comprising information from service (1) and logging (2) databases to a...
...a web browser, computer telephone integration (CTI), call center or Customer Relation Management (CRM). The **server** communicates with the mobile telephone via short message service (SMS), multimedia message service (MMS), or electronic mail. Output devices include **cash registers**, monitors, touch screens and printers... ...user. Companies issuing season traveller cards have better control over who is using the cards. **Invoices** can be more precise and **correctly** addressed... ...30 Distribution **server**

Original Publication Data by Authority

...

Original Abstracts:
issuer means (20) of the system. The system comprises a distribution server (30), adapted to **distribute** electronic documents from the issuer to users of the system. The server (30) is adapted **for** communication with the issuer means (20) and a communication termi-nal (40). Moreover the system... ... location (1, 2,), accessible from the issuer means (20), the distribution server (30) and a **valida**-tion unit (70), arranged for storage of data relating to the permission control. The validation... ... device. The system includes a distribution server, adapted to distribute electronic documents from the issuer **to** users. The server communicates with the issuer device and a communication **terminal**. The system comprises at least one persistent memory location, accessible from the issuer device, the distribution server and a validation unit, arranged for storage of **data** relating to the permission control. The validation unit is arranged between the communication terminal and... ... distribution server (30), adapted to distribute electronic documents from the issuer to users of the **system**. The server (30) is adapted for communication with the issuer means (20) and a communication **termi**-nal (40). Moreover the system comprises at least one persistent memory location (1, 2,), accessible... ... distribution server (30) and a valida-tion unit (70), arranged for storage of data relating to the permission control. The validation unit (70) is arranged between the communication terminal (40) and...

...

Claims:
20); a distribution server (**30**) adapted to distribute electronic documents comprising permission data, relating to **user** services, to a communication terminal (**40**); a persistent first memory location (**1**) for storing permission...

Privilege point managing method for restaurants, involves inputting personal information of user and receipt identification, privilege point information and changing it according to receipt privilege information
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: IMAJIMA Y; IMASHIMA Y; KODAKA T; ODAKA T

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030088521	A1	20030508	US 200295564	A	20020313	200353	B
JP 2003141405	A	20030516	JP 2001340393	A	20011106	200353	E

Priority Applications (no., kind, date): JP 2001340393 A 20011106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030088521	A1	EN	36	23	
JP 2003141405	A	JA	24		

Privilege point managing method for restaurants, involves inputting personal information of user and receipt identification, privilege point information and changing it according to receipt privilege information

...input and receipt ID information, privilege point information is obtained. The user privilege information is **changed** according to the **receipt** privilege information.

Original Publication Data by Authority

...

Original Abstracts:
input from a user terminal apparatus and sent to a point server through a network. **The** point server request sales informing in the store from the POS server based on **the received** receipt ID information. The POS server receives the **sales informing** from the store, and accumulates privilege point information. The POS server sends the **privilege point** information in accordance with a request from the point server. The point server **adds** (totalizes) the **received** privilege point information to the currently accumulated privilege points of the user.

...

Claims:
the input receipt ID information; and changing the privilege point information of the user based on the privilege point information of **the** receipt.

10/3,K/8 (Item 7 from file: 350) **Links**
Derwent WPIX

0013131871 *Drawing available*
WPI Acc no: 2003-214106/
XRPX Acc No: N2003-170759
Receipt data output control device controls transmission of electronic receipt to electronic receipt receiver, transmission of data to printing device and transceiving of data with respect to host computer
Patent Assignee: SEIKO EPSON CORP (SHIH)
Inventor: KIMURA T; NOBETANI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002312853	A	20021025	JP 2001111804	A	20010410	200321	B

Priority Applications (no., kind, date): JP 2001111804 A 20010410

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002312853	A	JA	14	9	

Alerting Abstract ... printer and point-of-sales (POS) terminal.
... ... of electronic receipt in the POS terminal is performed without increasing charge and changing the **system** entirely. Storage of the electronic receipt data in the server is eliminated.

10/3,K/9 (Item 8 from file: 350) **Links**
Derwent WPIX

0012696122 *Drawing available*
WPI Acc no: 2002-547127/
XRPX Acc No: N2002-433160
Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction
Patent Assignee: FUJITSU LTD (FUIT)

Inventor: ENOKI E; ENOKI S; MAKIYA A; MAKIYA J

Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction
Original Titles:
POS SYSTEM... ...**POS** system

Alerting Abstract ...NOVELTY - Point-of-sales (**POS**) terminal executes **transaction cancel** instruction received from the store **server** to **cancel** a **transaction** performed by the **POS** terminal. Store **server** transmits the **transaction cancel** instruction received from a **POS** terminal other than the **POS** terminal performing transaction to the **POS** terminal performing transaction.
...ADVANTAGE - Allows correction or cancellation of the transactions from any **POS** terminal other than the **POS** terminal performing **transaction**. Allows **transaction** data to be **canceled** or corrected by correcting only necessary product data items without having to **cancel** the entire data concerning that **transaction**. Eliminates the need to re-enter the corrected transaction data after the cancellation of the... ...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the configuration of the **POS** terminal.

Original Publication Data by Authority

Original Abstracts:
The POS system of the **present** invention comprises at least one store server and a plurality of POS terminals. Each POS **terminal** includes means **for** transmitting transaction data to the store server as a transaction **occurs** at the POS terminal, means for **querying** the store server for transaction data **relating** to a transaction that occurred at another POS terminal, means for **instructing** the store server to cancel the **transaction** that **occurred** at **that** other POS terminal, and means **for** executing a transaction cancel instruction received **from the** store server to cancel a **transaction** that **occurred** at **the** POS terminal, and the **store** server includes means for **receiving** a transaction cancel instruction from **a POS** terminal other than **the** POS terminal at which **the** transaction occurred, and for **transferring** the transaction cancel instruction to **the POS** terminal at which **the** transaction occurred. With this

configuration, the POS system allows any **transaction**, including a sales transaction, originally registered at any POS terminal, to be **canceled** through any other POS terminal in the **POS** system. It is **also** possible to correct transaction data without canceling **the** entire transaction. **As** a result, **transaction** data can be **readily** corrected when an operator's input error is found or when a purchased product is returned by a customer, and an easy-to-operate POS system can thus **be** provided.

Claims:

1. A POS system comprising at **least** one store server and a plurality **of** POS terminals as clients **to** said store server, wherein each of **said** plurality of POS terminals includes means for transmitting **transaction** data to said store server as a transaction occurs at **said** each POS terminal, means for querying said **store** server for transaction data relating to a transaction that occurred at another POS terminal, means for instructing said **store** server to cancel the transaction that **occurred** at **said** other **POS** terminal, and means for executing a transaction cancel instruction received from said **store server** to cancel a transaction that **occurred** at **said** each **POS** terminal, and said store server **includes** means for receiving a transaction cancel **instruction** from a POS terminal other **than the** POS terminal at **which** said transaction occurred, and **for** transferring said transaction cancel **instruction** to said POS terminal at **which said** transaction occurred.

10/3,K/10 (Item 9 from file: 350) <u>Links</u>
Derwent WPIX

0012255423 *Drawing available*
WPI Acc no: 2002-195473/200225
XRPX Acc No: N2002-148551
Virtual safe transaction server for electronic commerce over Internet, receives commands from emulator for performing transactions over networking using records in virtual smart card database
Patent Assignee: CYBERUN CANADA CORP (CYBE-N); SARCANIN B (SARC-I)
Inventor: SARCANIN B

Patent Family (8 patents, 94 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001080190	A1	20011025	WO 2001CA504	A	20010417	200225	B
AU 200148198	A	20011030	AU 200148198	A	20010417	200225	E
CA 2305249	A1	20011014	CA 2305249	A	20000414	200225	E
EP 1272987	A1	20030108	EP 2001921084	A	20010417	200311	E
			WO 2001CA504	A	20010417		
US 20030145205	A1	20030731	WO 2001CA504	A	20010417	200354	E
			US 2002269033	A	20021011		
JP 2003531447	W	20031021	JP 2001577310	A	20010417	200373	E
			WO 2001CA504	A	20010417		
US 6941285	B2	20050906	WO 2001CA504	A	20010417	200558	E
			US 2002269033	A	20021011		

US 20050246292	A1	20051103	WO 2001CA504	A	20010417	200573	E
			US 2002269033	A	20021011		
			US 2005175767	A	20050706		

Priority Applications (no., kind, date): CA 2305249 A 20000414

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001080190	A1	EN	221	31		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200148198	A	EN			Based on OPI patent	WO 2001080190
CA 2305249	A1	EN				
EP 1272987	A1	EN			PCT Application	WO 2001CA504
					Based on OPI patent	WO 2001080190
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
US 20030145205	A1	EN			Continuation of application	WO 2001CA504
JP 2003531447	W	JA	311		PCT Application	WO 2001CA504
					Based on OPI patent	WO 2001080190
US 6941285	B2	EN			Continuation of application	WO 2001CA504
US 20050246292	A1	EN			Continuation of application	WO 2001CA504
					Continuation of application	US 2002269033
					Continuation of patent	US 6941285

Virtual safe transaction server for electronic commerce over Internet, receives commands from emulator for performing transactions over networking using...

Original Publication Data by Authority

Original Abstracts:
A transaction server for performing a **transaction** over a network using a virtual smart card the server comprising, a virtual **smart** card database having a plurality of records each record including a virtual card identification and... ...
A transaction server for performing a transaction over a network using **a** virtual smart card the server comprising, a virtual smart card database having a **plurality** of records each record including a virtual card identification and a

? t /3,k/all

14/3,K/1 (Item 1 from file: 347) <u>Links</u>
07241194 **Image available**
POS SYSTEM, POS SERVER, SALES MANAGEMENT METHOD AND RECORDING MEDIUM

Pub. No.: 2002-109645 [JP 2002109645 A]
Published: April 12, 2002 (20020412)
Inventor: YAMADA TOKUHIRO
Applicant: VISUAL JAPAN INC
Application No.: 2000-295390 [JP 2000295390]
Filed: September 28, 2000 (20000928)
POS SYSTEM, POS SERVER, SALES MANAGEMENT METHOD AND RECORDING MEDIUM

ABSTRACT

PROBLEM TO BE SOLVED: To provide a POS server, capable of immediately responding to a request from a store terminal.

SOLUTION: This POS server 100 for administrating plural store terminals arranged in plural stores is provided with a first and a second administration devices for housing the business information, showing that a merchandise business is performed in a first store terminal 300a among the plural store terminals, while receiving the business information from the first store terminal 300a and for informing the first store terminal that the business information has been received.

14/3,K/2 (Item 2 from file: 347) <u>Links</u>
07001485 **Image available**
DISTRIBUTION PROCESSING SYSTEM AND CLIENT

Pub. No.: 2001-229097 [JP 2001229097 A]
Published: August 24, 2001 (20010824)
Inventor: FUJITA SHIGERU
Applicant: FUJITSU LTD
Application No.: 2000-041111 [JP 200041111]
Filed: February 18, 2000 (20000218)
DISTRIBUTION PROCESSING SYSTEM AND CLIENT

ABSTRACT

...where trouble such as down in a whole system does not occur even when a server goes down without using server multiplexing technique and also to provide a client to be used for the system.

SOLUTION: The system is provided with a server function for performing a processing in fat clients 10a and 11a among a plurality of POS clients 10a, 10b, 10c, ... and 11a, 11b, 11c, ... which are serially connected to constitute the system in accordance with the requests of thin clients 10b, 10c,..., 11b, 11c, ...and for outputting the processing result to the thin clients which make the requests. They are independently operated.

06907319 **Image available**
STORE CONTROLLER

ABSTRACT
...processing.

SOLUTION: This store controller is provided with a memory part 12 for holding a POS data file composed of plural records, a web server 16 for providing a web page for accepting a file updating request to plural POS job terminals 30, and a file managing part 14 for managing the data file stored in the memory part 12. Especially, the file managing part 14 investigates the POS data file concerning a record specified from the updating request transmitted from each of POS job terminals 30 through the web page and received by the web server 16, updates the POS data file concerning this specified record when it is confirmed this specified record is not...

06192719 **Image available**
INFORMATION PROCESSING SYSTEM

Applicant: TOSHIBA TEC CORP
Application No.: 09-297040 [JP 97297040]
Filed: October 29, 1997 (19971029)

ABSTRACT

PROBLEM TO BE SOLVED: To actualize a backup function for a **server computer** trouble without letting a user feel the burden of cost by requesting a controller to perform various operations if a **client computer** confirms that a fault has occurred to a **server computer**.

SOLUTION: A personal **computer** 6 has a function for determining whether or not a fault has occurred to a store **computer** 5. When it is confirmed that there is no fault, requests to perform various operations are sent to the store **computer** 5 through a communication line 4, but if fault occurrence is confirmed, a **POS** controller 2 is requested directly to perform the various operations through the communication line 4. Thus, even if the store **computer** 5 is shut down owing to some fault, the personal **computer** 6 is able to send the execution **request** commands for the **various** operations directly to the **POS** controller 2, which performs the **various** operations, thereby minimizing the influence on the store.

14/3,K/5 (Item 1 from file: 350) **Links**
Derwent WPIX

0015824381 *Drawing available*
WPI Acc no: 2006-380249/200639
XRPX Acc No: N2006-320153
On-demand Java resource provision method for point-of-sale printer, involves controlling several POS printers to provide resources to requested printer in off-line mode, if requested printer does not communicates with controller
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: CHIRAKANSAKCHAROEN M; PROROCK T J

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060112379	A1	20060525	US 2004987837	A	20041112	200639	B

Priority Applications (no., kind, date): US 2004987837 A 20041112

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20060112379	A1	EN	12	4	

0014200781 *Drawing available*
WPI Acc no: 2004-386370/
Method for offering advertisement and drawing lottery by using web pos system
Patent Assignee: SONG C H (SONG-I)
Inventor: SONG C H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2004008578	A	20040131	KR 200242235	A	20020718	200436	B

Priority Applications (no., kind, date): KR 200242235 A 20020718

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2004008578	A	KO	1	10	

Method for offering advertisement and drawing lottery by using web pos system

Alerting Abstract ...NOVELTY - An advertisement service and lottery drawing method is provided to distribute **multi**-functional web **POS**(Point Of Sales) systems to stores and to enable the stores to offer advertisement or ... DESCRIPTION - The method comprises several steps. A **client** accesses an IO management module of a web **server** by using a web **POS** system (ST11). The web **server** certifies the accessing **client**, offers advertisement stored at a database (ST13), and records sale and buying data after recognizing a store ID if sale or purchase data is input (ST14-ST16). The web **server** receives an instant type gift event participation **request** from a purchaser at a point of a sale (ST17), and transmits a gift event result to the purchaser (ST23, ST24). The web **server** also receives a lottery event participation **request** from the purchaser, and transmits the lottery result to the purchaser(ST18-ST22).
Title Terms .../Index Terms/Additional Words: **POS**;

14/3,K/7 (Item 3 from file: 350) <u>Links</u>

0012696122 *Drawing available*
WPI Acc no: 2002-547127/

Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: ENOKI E; ENOKI S; MAKIYA A; MAKIYA J

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020065727	A1	20020530	US 2001976153	A	20011015	200258	B
JP 2002230649	A	20020816	JP 2001115975	A	20010413	200269	E

Priority Applications (no., kind, date): JP 2000365866 A 20001130; JP 2001115975 A 20010413

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020065727	A1	EN	20	12	
JP 2002230649	A	JA	11		

Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction
Original Titles:
POS SYSTEM... ...**POS** system

Alerting Abstract ...NOVELTY - Point-of-sales (POS) **terminal** executes transaction cancel instruction received from the store **server** to cancel a transaction performed by the **POS terminal**. Store **server** transmits the transaction cancel instruction received from a **POS terminal** other than the **POS terminal** performing transaction to the **POS terminal** performing transaction.
DESCRIPTION - An INDEPENDENT CLAIM is included for point-of-sales **terminal**.
... ...ADVANTAGE - Allows correction or cancellation of the transactions from any **POS terminal** other than the **POS terminal** performing transaction. Allows transaction data to be canceled or corrected by correcting only necessary product... ...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the configuration of the **POS terminal**.
Title Terms .../Index Terms/Additional Words: **TERMINAL**;

Original Publication Data by Authority

Original Abstracts:
The POS system of the **present** invention comprises at least one store server and a plurality of POS terminals. **Each POS terminal includes** means **for transmitting** transaction data to the store server as a transaction **occurs at the** POS terminal, means for **querying the** store server **for** transaction data **relating** to a transaction that occurred at

another POS terminal, means for **instructing the** store server to cancel the **transaction** that occurred at that other POS terminal, and means **for executing** a transaction cancel instruction received from the store server to cancel a **transaction** that occurred at the POS terminal, and the **store server** includes means for **receiving** a transaction cancel instruction from a POS terminal other than **the POS** terminal at which **the transaction** occurred, and for transferring the transaction cancel instruction to the POS terminal at which **the transaction** occurred. With this configuration, the POS system allows any **transaction**, including a sales transaction, originally registered at any POS terminal, to be **canceled through** any other POS terminal in the **POS system**. It is **also** possible to correct transaction data without canceling the entire transaction. As a result, transaction data... ... product is returned by a customer, and an easy-to-operate POS system can thus **be** provided.

Claims:
1. A POS system comprising at **least** one store server and a plurality **of** POS terminals **as** clients **to said** store **server**, wherein each of **said** plurality of POS terminals includes means **for** transmitting **transaction data** to said store server as a transaction occurs at **said** each POS terminal, means for querying said **store server** for transaction **data** relating to **a** transaction that occurred at another POS terminal, means for instructing said **store server** to cancel the transaction that **occurred** at said other POS terminal, and means for executing **a transaction** cancel instruction received from said store server to cancel a transaction that **occurred** at said each POS terminal, and said store server **includes means** for receiving a transaction cancel **instruction** from a POS terminal other than the POS terminal at **which said** transaction occurred, and **for transferring** said transaction cancel instruction to said POS terminal at which said transaction occurred.

14/3,K/8 (Item 4 from file: 350) <u>Links</u>
Derwent WPIX
(c) 2007 The Thomson Corporation. All rights reserved.

0012644660 *Drawing available*
WPI Acc no: 2002-494004/200253
XRPX Acc No: N2002-390642
Point-of-sale information management server for shops, outputs receiving notification of goods transaction information to store terminal
Patent Assignee: VISUAL JAPAN KK (VISU-N); YAMADA T (YAMA-I)
Inventor: YAMADA T

Patent Family (4 patents, 24 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109645	A	20020412	JP 2000295390	A	20000928	200253	B
WO 2003038775	A1	20030508	WO 2001JP9601	A	20011101	200340	NCE
EP 1450325	A1	20040825	EP 2001982728	A	20011101	200456	NCE
			WO 2001JP9601	A	20011101		
US 20050038705	A1	20050217	WO 2001JP9601	A	20011101	200514	NCE
			US 2004494319	A	20040430		

Priority Applications (no., kind, date): US 2004494319 A 20040430; EP 2001982728 A 20011101; WO 2001JP9601 A 20011101; JP 2000295390 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2002109645	A	JA	27	20		
WO 2003038775	A1	JA				
National Designated States,Original	CN KR US					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
EP 1450325	A1	EN			PCT Application	WO 2001JP9601
					Based on OPI patent	WO 2003038775
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
US 20050038705	A1	EN			PCT Application	WO 2001JP9601

Point-of-sale information management server for shops, outputs receiving notification of goods transaction information to store terminal
Original Titles:
POS-SYSTEM, **POS-SERVER**, SHOP-ENDGERAT, VERKAUFSVERWALTUNGSVERFAHREN UND AUFZEICHNUNGSMEDIUM... ...**POS** SYSTEM, **POS SERVER**, SHOP **TERMINAL**, SALES MANAGING METHOD, AND RECORDING MEDIUM... ...SYSTEME ET SERVEUR **POS**, **TERMINAL** DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT... ...**POS** SYSTEM, **POS SERVER**, SALES MANAGEMENT METHOD AND RECORDING MEDIUM... ...**Pos** system, **pos server**, shop **terminal**, sales managing method, and recording medium... ...**POS** SYSTEM, **POS SERVER**, SHOP **TERMINAL**, SALES MANAGING METHOD, AND RECORDING MEDIUM... ...SYSTEME ET SERVEUR **POS**, **TERMINAL** DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT

Alerting Abstract ...NOVELTY - The management devices (210a,210b) respectively receive the goods transaction information from a store **terminal** (300a) and outputs receiving notification to the store **terminal**.
... Point-of-sales (POS) system; **Selling** management method; and Recorded medium storing selling management program... ... ADVANTAGE - Demand from the store terminal is immediately responded by the POS server.
... ... The figure shows the block diagram of POS information management server. (Drawing includes non-English **language** text).

Title Terms .../Index Terms/Additional Words: **TERMINAL**
Original Publication Data by Authority

Original Abstracts:

The present invention relates to provide a POS server which responds **instantly to** the request from local terminals. **The** POS server **controls** a **plurality of** local terminals **arranged** in a **plurality** of stores, having a first and second control apparatus which receive and store dealing information, from the first local terminal 300a respectively, which **shows** that products dealing was conducted in the first local terminal 300a among the **plurality** of local terminals, and notifies that **the** dealing information was received, to the first local terminal.

...... present invention relates to provide a POS server which responds instantly to the request from **local terminals**. The POS server controls a **plurality** of local **terminals** arranged **in a** plurality of **stores**, having a **first** and second control apparatus which receive and store dealing information, from the first local terminal **300a** respectively, which shows that products dealing was **conducted** in the first local terminal **300a** among the plurality of local terminals, and notifies that the dealing information **was** received, to the first local terminal.

...... a request of a shop terminal and for managing the transactions of a plurality of **shop terminals** installed at a plurality of shops. The POS **server** (100) comprises first **and** second managing devices, each of which receives transaction information representing **that** commodity transaction has **been** made at a **first one** (300a) of the shop terminals from the first shop terminal (300a), stores the transaction information therein, and notifies the first shop terminal that it has received the transaction **information**.

...... de gerer les transactions d'une pluralite de terminaux de magasin installes au niveau d'**une** pluralite de magasins. Ledit serveur POS (100) **comprend** un **premier** et un second dispositif de gestion, chacun d'eux recevant des informations de transaction representant une transaction de denree **effectuee** au niveau d'un **premier** (300a) terminal de magasin a partir du premier terminal de magasin (300a), stocke les informations de transaction et notifie au premier terminal de magasin qu'il a recu les informations **de** transaction.

Claims:
A POS server **controlling a** plurality of **local** terminals arranged **at** a plurality of **stores**, said POS server **comprising:** a first and a second control apparatus, each of which receives and stores dealing information that products dealing has been made at a first local terminal, from **the** first local terminal of **said** local terminals, and **notifies** the first local terminal of **receiving** said dealing information...... **1.** A POS server controlling a plurality of local terminals **arranged at** a plurality of stores, said **POS** server comprising: a **first** and a second **control apparatus**, each of which receives and stores dealing information that products dealing has been made at a first local terminal, from the first local terminal of said **local** terminals, and notifies the **first** local terminal of **receiving** said dealing information.

0012644659 *Drawing available*
WPI Acc no: 2002-494003/
XRPX Acc No: N2002-390641
Point of sales server installed in stores, matches received goods identification information with that handled at shops and accordingly detects and transmits the stock information of goods

Patent Family (2 patents, 23 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109644	A	20020412	JP 2000295384	A	20000928	200253	B
WO 2003038772	A1	20030508	WO 2001JP9599	A	20011101	200340	NCE

Priority Applications (no., kind, date): WO 2001JP9599 A 20011101; JP 2000295384 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
JP 2002109644	A	JA	22	17		
WO 2003038772	A1	JA				
National Designated States,Original	CN KR US					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					

Point of sales server installed in stores, matches received goods identification information with that handled at shops and accordingly...
Original Titles:
POS SYSTEM, **POS SERVER**, STORE **TERMINAL**, SALES MANAGEMENT METHOD AND RECORDING MEDIUM... ...POS SYSTEM, **POS SERVER**, SHOP **TERMINAL**, SALES MANAGING METHOD, AND RECORDING MEDIUM... ...SYSTEME **POS**, SERVEUR **POS**, **TERMINAL** DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT

Alerting Abstract ...NOVELTY - The point of sales (**POS**) **server** matches the goods identification information received by a receiver (152), from a store **terminal**, with that handled at a shop. A detector (172) detects the stock of goods and...
... POS system; **Store** terminal; Goods sales management **method**; and Recorded medium storing program... ... ADVANTAGE - The POS server to which a demand can be immediately responded **from** a store terminal is **provided**.
... ... device of point of sales server. (Drawing includes non-English language text).

Original Publication Data by Authority

Original Abstracts:
A POS server (100) for **instantly responding** to a request of a shop **terminal** and for managing **the** transactions of commodities at a plurality of shops. The **POS** server (100) comprises **a reception** unit (152) for receiving

commodity identification information from a shop terminal (300), an inventory **master** (400) for storing therein the commodity information representing the contents of a commodity including the... ... commodity information and the quantity of inventory extracted, to the shop terminal.

... ... La presente invention concerne un serveur POS (100), concu pour repondre instantanement a une requete d'un terminal de magasin et pour gerer les transactions de **marchandises** au niveau de plusieurs magasins. Ce serveur POS (100) comprend une unite de reception (152), concue **pour** recevoir des informations d'identification de marchandise provenant d'un terminal de magasin (300), un maitre d'inventaire (400), **concu** pour enregistrer les informations de marchandise representant les contenus d'une marchandise, y compris le... ... transmission (154), concue pour transmettre au terminal de magasin au moins une des informations de **marchandise** et la quantite d'inventaire extraites.

14/3,K/10 (Item 6 from file: 350) <u>Links</u>
Derwent WPIX

0012476507 *Drawing available*
WPI Acc no: 2002-423270/
XRPX Acc No: N2002-333382
POS server e.g. chain store, has management unit with receiver for receiving same database operation command which store terminal transmitted to management device addressee
Patent Assignee: VISUAL JAPAN KK (VISU-N); YAMADA T (YAMA-I)
Inventor: YAMADA T

Patent Family (4 patents, 30 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109295	A	20020412	JP 2000295377	A	20000928	200245	B
WO 2003038774	A1	20030508	WO 2001JP9598	A	20011101	200340	NCE
EP 1450324	A1	20040825	EP 2001982725	A	20011101	200456	NCE
			WO 2001JP9598	A	20011101		
US 20040267546	A1	20041230	WO 2001JP9598	A	20011101	200503	NCE
			US 2004494253	A	20040430		

Priority Applications (no., kind, date): US 2004494253 A 20040430; EP 2001982725 A 20011101; WO 2001JP9598 A 20011101; JP 2000295377 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2002109295	A	JA	22	15		
WO 2003038774	A1	JA				
National Designated	CN KR US					

14/3,K/11 (Item 7 from file: 350) <u>Links</u>
Derwent WPIX

0012476506 *Drawing available*
WPI Acc no: 2002-423269/
XRPX Acc No: N2002-333381
POS server for management of goods transaction in stores, has updating unit to update transaction database based on database command received corresponding to each completed transaction of goods
Patent Assignee: VISUAL JAPAN KK (VISU-N)
Inventor: YAMADA T

Patent Family (2 patents, 23 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109294	A	20020412	JP 2000295369	A	20000928	200245	B
WO 2003038773	A1	20030508	WO 2001JP9600	A	20011101	200340	NCE

Priority Applications (no., kind, date): WO 2001JP9600 A 20011101; JP 2000295369 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
JP 2002109294	A	JA	15	12		
WO 2003038773	A1	JA				
National Designated States,Original	CN KR US					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					

POS server for management of goods transaction in stores, has updating unit to update transaction database based...
Original Titles:
POS SYSTEM, **POS SERVER**, STORE **TERMINAL**, SALES MANAGING METHOD AND RECORDING MEDIUM... ...**POS** SYSTEM, **POS SERVER**, SHOP **TERMINAL**, SALES MANAGING METHOD, AND RECORDING MEDIUM... ...SYSTEME ET SERVEUR **POS**, **TERMINAL** DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT

Alerting Abstract ... Point-of-sales system;Store terminal;Sales management method; **and**Recorded medium storing sales management program... ... ADVANTAGE - The POS terminal to which a demand can be immediately responded **from a** store terminal is **provided.**

Title Terms /Index Terms/Additional Words: **POS**;

Original Publication Data by Authority

Original Abstracts:
A POS server (100) for **instantly responding** to a request of a shop **terminal** and for managing **the** transactions of commodities at a plurality of shops. The **POS** server (100) comprises **a transaction** database for storing therein the content of commodity transaction made at a shop terminal (300) installed at **a** shop, a reception unit for receiving from the shop terminal (300) such a **database** operation instruction to allow the transaction database to reflect the transaction at least each time... ... un serveur de point de vente (POS) (100) permettant de repondre instantanement a une demande de terminal de magasin et de gerer les **transactions** de **denrees** au niveau d'une pluralite de magasins. Ledit serveur POS (100) comprend une **base** de donnees de transactions **permettant** de stocker le contenu d'une transaction de denree effectuee au niveau d'un terminal de magasin (300) installe dans un magasin; une **unite** de reception destinee a recevoir une instruction de fonctionnement de base de donnees, provenant du terminal de magasin (300), afin que ladite base de **donnees** puisse refleter une transaction au moins chaque fois qu'une transaction de denree est executee avec un client, et une unite de mise a jour de **base** de donnees destinee a mettre a jour la base de donnees de transactions en fonction...

14/3,K/12 (Item 8 from file: 350) <u>Links</u>
Derwent WPIX

0011233414 *Drawing available*
WPI Acc no: 2002-172911/200223
XRPX Acc No: N2002-131369
Network system for advertisement, has point-of-service system to print advertisement in accordance with advertisement application information from application/distribution server system
Patent Assignee: MINOWA M (MINO-I); SEIKO EPSON CORP (SHIH)
Inventor: MINOWA M

Patent Family (6 patents, 30 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1146454	A2	20011017	EP 2001107557	A	20010327	200223	B
CN 1320882	A	20011107	CN 2001117338	A	20010327	200223	E
JP 2001344662	A	20011214	JP 200191338	A	20010327	200223	E
US 20010034775	A1	20011025	US 2001818125	A	20010326	200223	E
KR 2001098425	A	20011108	KR 200115702	A	20010326	200227	E
JP 3644493	B2	20050427	JP 200191338	A	20010327	200528	E

Priority Applications (no., kind, date): JP 200087280 A 20000327

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 1146454	A2	EN	30	20		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2001344662	A	JA	22			
JP 3644493	B2	JA	27		Previously issued patent	JP 2001344662

...
of-service system to print advertisement in accordance with advertisement application information from application/distribution server system ...
Original Titles:
Method, **computer** product and network system for receiving and placement processing of advertising information

Alerting Abstract ...NOVELTY - An application/distribution **server** (ADS) system (1) transmits an advertising application form in response to a **request** from **client** PC (5). The **client** PC inputs information into the form. The ADS system stores the received information from the **client** PC and distributes it to **multiple** point-of-service (**POS**) system (3) specified by the **client** PC. The **POS** system prints an advertisement in accordance with application information.
... Advertisement information processing method; Computer readable data storage medium
... ... 3 POS system

Original Publication Data by Authority

...

Original Abstracts:
notices, announcements, and requests for assistance, on receipts issued from a POS terminal, vouchers issued **by a** kiosk terminal, and queuing number **tickets** issued from queuing number issuing devices in banks, for example. Information relating to the advertising... ... advertising information, and advertising fee payment information is sent from a client PC (5) via **the** Internet (10) to a server system (1); the **server** system (1) calculates **fee** information according to the received advertising information, and sends it via the Internet (10) to the client PC (5). After **confirming** completion of the payment process, the server system (1) sends **the** advertising information to a central system, and the central system distributes the received advertising information to the plural POS systems (3, 7) **connected** to the central system. A store POS system that receives **the** advertising information prints the advertising information together with the transaction information for the purchased products... ... assistance, on receipts issued from a POS terminal, vouchers issued by a kiosk terminal, and **queuing number** tickets issued from queuing number **issuing** devices in banks, for example. Information relating to the advertising application, advertising information, and advertising... ... payment information is sent from a client PC via the Internet to a server system; **the** server system calculates fee information according to the received **advertising** information, and sends it via the Internet to the client PC. After confirming completion of the payment process, **the** server system sends the advertising information to a central **system**, and the central system distributes the received advertising information to the plural POS systems connected to the central system. A **store POS** system that receives the advertising information prints the **advertising** information together with the transaction information for the purchased products

on the receipt issued during...

Claims:
A network system comprising:a server system (1),a **client** PC (5) adapted to connect **via** the Internet (10) to the server system (1),POS systems (3, **7**) each connected to a **respective** POS terminal device having a display device (54, **56**) **and** a printing device (53),first means (11) for storing an application page (13) containing an... ... 13) to the client PC (5) in response to a request from the client PC (**5**);third means (11, 15, 16, 20) **for** receiving and **storing** input information containing advertising placement information and POS system specifying information input according to the application form at the client PC (**5**);fourth means (22) for distributing specific data of the input information **to** one or more of said POS systems (3, 7) specified by said specifying information; andcontrol means for controlling printing of **an** advertisement in accordance with the advertising placement information by means of the printing device (53... ... 7) to which said specific data is distributed.

... ... a POS terminal device, the POS terminal device having at least a display device and **a** printing device, said network **system** comprising:(a) means for storing an application **page** containing an advertising **placement application** form;(b) **means for** sending the application page containing the application form to the client PC in response to... ... advertising placement information provided by the client PC in accordance with the application form;(d) **means** for distributing specific data in **the** input information **to** a POS system specified by the client PC; and(e) control means for controlling printing the advertising placement **information** on the POS system receiving the distribution.

14/3,K/13 (Item 9 from file: 350) **Links**
Derwent WPIX

0011052650 *Drawing available*
WPI Acc no: 2001-367959/200139
Related WPI Acc No: 2002-049776
XRPX Acc No: N2001-268459
Fixed quantity prepaid telephone time providing method in airport, train station, involves providing personal identification number to user after verifying availability of sufficient funds to purchase telephone time
Patent Assignee: WIRELESS AIR TIME DIRECT INC (WIRE-N); WIRELESS AIRTIME DIRECT CORP (WIRE-N)
Inventor: BITOVE T J; KOJFMAN R; WALCOT P A; WINCH S R

Patent Family (5 patents, 92 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2319982	A1	20010420	CA 2319982	A	20000919	200139	B
WO 2001074049	A2	20011004	WO 2001CA390	A	20010329	200165	E
AU 200143997	A	20011008	AU 200143997	A	20010329	200208	E
CA 2319982	C	20011225				200210	E
US 6973172	B1	20051206	US 2000662166	A	20000914	200580	E

Priority Applications (no., kind, date): CA 2319982 A 20000919; CA 2303041 A 20000329

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
CA 2319982	A1	EN	39	4		
WO 2001074049	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200143997	A	EN			Based on OPI patent	WO 2001074049
CA 2319982	C	EN				

Fixed quantity prepaid telephone time providing method in airport, train station, involves providing personal identification number to user after verifying availability of sufficient funds to purchase ...
Original Titles:
Method for providing a quantity of telephone time from an ATM or **POS terminal**
... ...METHOD FOR PROVIDING A QUANTITY OF TELEPHONE TIME FROM AN ATM OR **POS TERMINAL**
... ...D'UNE DUREE D'UTILISATION DE SERVICES TELEPHONIQUES DEPUIS UN GUICHET AUTOMATIQUE OU D'UN **TERMINAL** DE POINT DE VENTE

Alerting Abstract ...Personal identification number (PIN) obtained from telephone service provider is made available to ATM or **POS terminal**. Based on user's desire to purchase telephone time, user is queried by the device...
DESCRIPTION - In response to user's desire to purchase telephone time in ATM machine or **POS terminal,** **queries** the user as to whether to charge user's credit card or to debit user... ...For providing fixed quantity prepaid telephone time to customer through automated teller machine (ATM) or **POS terminal** installed in airports, train station, bus **terminal,** financial institutions, etc... ...ADVANTAGE - Provides prepaid telephone time to customers through existing ATM or **POS terminals** without any physical modification or there hardware other than through software modifications. Permits telephone service... ...DESCRIPTION OF DRAWINGS - The figure shows the **POS terminal** used to dispense PIN.
Title Terms .../Index Terms/Additional Words: **STATION;**

Original Publication Data by Authority

...

Original Abstracts:

an automated teller machine (ATM) or a point-of-sale device (POS terminal), to a **patron of** either of such device. PIN numbers, obtained from a telephone service provider and each designating... ... of telephone service time, are made available to the ATM or POS terminal. The patron **is queried** by the device if he/she wishes to purchase telephone time. Upon selection of a... ... account statement printer, or on the account statement printer of a POS terminal if a **POS device** is alternatively **employed**. An ATM to permit patrons of such ATM to purchase a quantity .of telephone time... ... or a point-of-sale device (POS terminal), to a patron of either of such **device. PIN** numbers, obtained from a telephone service provider and each designating a pre-paid quantity of... ... made available to the ATM or POS terminal. The patron is queried by the device **if he**/she wishes to purchase telephone time. Upon selection of a quantity of pre-paid telephone... ... the account statement printer of a POS terminal if a POS device is alternatively employed. **An ATM** to permit **patrons** of such ATM to purchase a quantity of telephone time from one of a plurality... ... vente (terminal PV), a un utilisateur d'un desdits dispositifs. Les numeros d'identification personnel **PIN** obtenus d'un fournisseur de services telephoniques et designant chacun une duree d'utilisation de... ... du terminal GA ou PV. Le dispositif demande a l'utilisateur/trice si il/elle **desire** acheter du credit telephonique. Lors de la selection, par un utilisateur, d'une duree d'utilisation de services telephoniques prepayee et... ... un terminal PV si celui-ci est prevu. Un GA permettant aux utilisateurs d'acheter **une** duree d'utilisation de services telephoniques chez un fournisseur de services telephoniques parmi plusieurs, est...

Claims:
1. A method for providing a second PIN number from a POS terminal **in communication** with a host server, to **a** patron of said POS terminal, **without hardware** changes to said POS terminal **and without** such POS terminal **contacting a** telephone service provider prior to or during the dispensing of said second PIN number to... ... a fixed quantity of prepaid telephone time from at least one of a plurality of **telephone** service providers, said POS terminal **vending items** other than second PIN numbers, said method comprising in combination:a) ordering a pre-determined... ... second PIN numbers to be supplied to the host server in a common form, each **of** said second PIN numbers when provided to a patron of such POS terminal during a transaction and **subsequently supplied** by the patron to the telephone service provider adapted to allow telephone service for said... ... in the common form on the host server which interfaces with said POS terminal;d) **causing** a patron of such **POS terminal**, who accesses the POS terminal by providing the **POS terminal** with an encoded **credit card** or bank debit **card and** a first PIN number, to be queried as to whether the patron wishes to purchase... ... host server to cause a verification that the patron has·sufficient funds to purchase said **quantity** of telephone time, and cause a debiting of such account;g) in the event the... ... to cause a verification that the quantity of time desired to be purchased may be **charged** to said credit card, and cause a charging of said credit card;h) upon satisfaction... ... one of said second PIN numbers; andi) causing said selected second PIN number to **be** provided from the host server to such patron by printing said second PIN number on said POS terminal's existing account statement printer or **alternatively** displaying said second PIN number on said POS terminal's visual **display.>**

0010893628 *Drawing available*
WPI Acc no: 2001-513996/
XRPX Acc No: N2001-380785 .

Distributed processing system and clients for POS operations that provide functionality when system goes down has some clients that have server functionality to execute processing in response to requests issued from other clients
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: FUJITA S

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010016871	A1	20010823	US 2001785175	A	20010220	200156	B
JP 2001229097	A	20010824	JP 200041111	A	20000218	200156	E

Priority Applications (no., kind, date): JP 200041111 A 20000218

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20010016871	A1	EN	11	7	
JP 2001229097	A	JA	12		

Distributed processing system and clients for POS operations that provide functionality when system goes down has some clients that have server functionality to execute processing in response to requests issued from other clients
Original Titles:
DISTRIBUTION PROCESSING SYSTEM AND **CLIENT**
... ...Distributed processing system and **clients**

Alerting Abstract ...NOVELTY - The distributed system consists of a number of point of sale (**POS**) **clients** (10a, 10b, 10c,...), linked in series to form a system. Some **clients** such as (10a) have **server** functionality so that they execute processing in response to **requests** issued from other **clients**. The processing results are output to these **clients** that issued such **requests**.
...ADVANTAGE - Even when the **server** goes down, the overall system will not be brought down... ...OF DRAWINGS - The figure shows one embodiment for implementing the present invention related to a **POS**..
... ...10POS **clients**
... ...20Database **server**
Title Terms .../Index Terms/Additional Words: **CLIENT**; ... ...**POS**;

Original Publication Data by Authority

...

Original Abstracts:
invention provides a distributed processing system that eliminates the need for server clustering technology and **will** not pose a problem that the overall system would go down when the server fails, and clients **for use in said**

system.Of a plurality of POS clients **10a, 10b, 10c, .. .,** and **11a, 11b, 11c, and** so forth that are linked in series to form a system, fat clients **10a** and... ... **11c,** and so forth and output the processing results to said thin clients that issued **such** requests, and they are capable of standalone operation.

...
Claims:
processing system comprising a plurality of clients linked in series, wherein at least one of **said** clients is operable in standalone fashion and has server **functionality** so that it executes processing in response **to** requests issued by other clients and outputs the results **of** the processing to **said** clients that issued such requests.

14/3,K/15 (Item 11 from file: 350) **Links**
Derwent WPIX

0009451411 *Drawing available*
WPI Acc no: 1999-391006/199933
XRPX Acc No: N1999-293399
Real-time inventory control system for updating inventory data of headquarters server via communication circuits such as LAN-WAN - has main memory in which sales management data, inventory control data, compartment control data are stored
Patent Assignee: FUJITSU GENERAL LTD (GENH)

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 11154280	A	19990608	JP 1997319378	A	19971120	199933	B
JP 3777759	B2	20060524	JP 1997319378	A	19971120	200635	E

Priority Applications (no., kind, date): JP 1997319378 A 19971120

Patent Details .

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 11154280	A	JA	10	4		
JP 3777759	B2	JA	10		Previously issued patent	JP 11154280

Real-time inventory control system for updating inventory data of headquarters server via communication circuits such as LAN-WAN...

Alerting Abstract ...main memory (4) stores sales management data, inventory control data, compartment control data. Each store **server** performs a store inside inventory **inquiry** of goods for sales input from **POS terminal.** When there is no inventory **inquiry** of headquarters inventory is performed. When headquarters has a warehoused

item, sales compartment is enabled. DETAILED DESCRIPTION - **Several POS terminals** (5) which perform input processing for every customer, are provided. A store **server** (1) is provided which comprises processor (2) with inventory inquiry unit to inquire for storing... ...USE - For updating inventory data of headquarters **server** via communication circuits such as LAN-WAN... ...ADVANTAGE - **Inquiries** for inventory control data of headquarters **server** and do selling activity. DESCRIPTION OF DRAWING(S) - The figure shows systematic diagram of the inventory control system. (1) **Server**; (2) Processor; (4) Main memory; (5) **POS terminal**.

14/3,K/16 (Item 12 from file: 350) <u>Links</u>
Derwent WPIX

0008735242 *Drawing available*
WPI Acc no: 1998-277184/
XRPX Acc No: N1998-218093
Point of sales system for goods information management in supermarket, circulation industry, price inquiry service - includes several POS terminals, which forwards search request to server and obtains goods information when requested goods information is not available in local file or is incorrect
Patent Assignee: NIPPON DENKI ENG KK (NIDE)
Inventor: NISHIJIMA K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 10091871	A	19980410	JP 1996266743	A	19960917	199825	B

Priority Applications (no., kind, date): JP 1996266743 A 19960917

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 10091871	A	JA	5	4	

...
includes several POS terminals, which forwards search request to server and obtains goods information when requested goods information is not available in local file or is incorrect
Original Titles:
POS SYSTEM

Alerting Abstract ...The system includes several point of sales **terminals** connected to a **server** via a network. The **server** has a master file in which the information pertaining to all the commodities in a store, are stored. Each **POS terminal** has a local file in which the partial goods information extracted from the master file... ...The goods information in the **POS terminal** consists of a bar code (1), a goods data (2), a count (3) and a... ...goods

information is not available in the local file or it is incorrect, a search **request** is forwarded to the **server**. Then, the corresponding goods information is obtained from the master file...

Title Terms .../Index Terms/Additional Words: **POS**; ... ...**TERMINAL**;

? show files

[File 15] **ABI/Inform(R)** 1971-2007/Feb 14
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2007/Feb 13
(c) 2007 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Feb 13
(c) 2007 The Gale Group. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Feb 06
(c) 2007 The Gale Group. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Feb 13
(c) 2007 The Gale Group. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/Feb 13
(c) 2007 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Feb 06
(c)2007 The Gale Group. All rights reserved.

[File 610] **Business Wire** 1999-2007/Feb 13
(c) 2007 Business Wire. All rights reserved.
File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.

[File 810] **Business Wire** 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 476] **Financial Times Fulltext** 1982-2007/Feb 14
(c) 2007 Financial Times Ltd. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/Feb 13
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.
File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more

[File 634] **San Jose Mercury** Jun 1985-2007/Feb 13
(c) 2007 San Jose Mercury News. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2007/Feb 14
(c) 2007 Dialog. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200706
(c) 2007 European Patent Office. All rights reserved.
File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP

NEWSIPCR.

```
?  d s
Set      Items     Description
S1      2511071    S  SERVER? ? OR MAIN()SERVER? ? MAIN()TERMINAL? ?
S2     20541501    S  (NODE? OR TERMINAL? OR COMPUTER? OR CLIENT? OR WORKSTATION?? OR
STATION?? )
S3       241249    S  (POINT()OF ()SALE? ? OR POS OR (CASH OR SALE? ?)(3N)REGISTER? ?)
S4       621783    S  (S1 OR S2)(7N)(REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES
OR INQUIR???)
S5        11784    S  S3(7N)(MULTIPLE OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR MULTI OR
MORE(2W)ONE)
S6       253923    S  (CANCEL??? OR STOP??? OR TERMINAT??? OR ABORT???)(7N)(ORDER? ? OR TRADE?
? OR TRADING OR TRANSACTION? ? OR PURCHAS???)
S7       156172    S  (ADJUST? OR CHANG? OR MODIF? OR CORRECT?)(7N)(INVOICE? ? OR RECEIPT? ?
OR BILL? ?)
S8         1741    S  S1(3N)S3
S9            1    S  S8(7N)(S6 OR S7)
S10           2    S  S8(10N)(S6 OR S7)
S11           1    S  S10 NOT S9
S12          36    S  S8(7N)S4
S13          32    RD   (unique items)
S14           9    S  S13 NOT PY>2000
S15          27    S  S12 NOT (S14 OR S11 OR S9)


?
```

EUROPEAN PATENTS
00483896

A system and method for database management supporting object-oriented programming
Datenbankverwaltungssystem und -verfahren zur Unterstutzung von objektorientierter Programmierung
Systeme et procede de gestion de base de donnees permettant la programmation orientations-objet

Patent Assignee:

- **TEXAS INSTRUMENTS INCORPORATED**; (279070)
  13500 North Central Expressway; Dallas Texas 75265; (US)
  (Proprietor designated states: all)

Inventor:

- **Bannon, Thomas J.**
  4912 Haverwood; Dallas, Texas 75276; (US)

- **Vappala, John Joseph**
  1900 Knob Hill; Plano, Texas 75023; (US)

- **Ford, Stephen J.**
  2804 Hacienda Court; Plano, Texas 75023; (US)

- **Perez, Edward R.**
  9511 Liptonshire; Dallas, Texas 75238; (US)

- **Peterson, Robert W.**
  3841 Townbluff Drive; Plano, Texas 75023; (US)

- **Thatte, Satish M.**
  1304 Elk Grove; Richardson, Texas 75081; (US)

- **Wang, Chung C.**
  6925 Echo Bluff Drive; Dallas, Texas 75248; (US)

- **Sparacin, Diana M.**
  2212 Covinton Lane; Plano, Texas 75023; (US)

- **Thompson, Craig W.**
  2725 Deep Valley Trail; Plano, Texas 75023; (US)

- **Wells, David L.**
  8593 Hanford; Dallas, Texas 75243; (US)

Legal Representative:

- **Legg, Cyrus James Grahame et al (81121)**
  ABEL & IMRAY, 20 Red Lion Street; London WC1R 4PQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	459683	A2	19911204	(Basic)

	EP	459683	A3	19930414	
	EP	459683	B1	19990818	
Application	EP	91304579		19910521	
Priorities	US	531493		19900530	

Designated States:
DE; FR; GB; IT; NL;

International Patent Class (V7): G06F-017/30; G06F-009/44 Abstract Word Count: 88
NOTE: 2
NOTE: Figure number on first page: 2

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9933	1167
CLAIMS B	(German)	9933	1158
CLAIMS B	(French)	9933	1396
SPEC B	(English)	9933	15634
Total Word Count (Document A) 0			
Total Word Count (Document B) 19355			
Total Word Count (All Documents) 19355			

Specification: ...by OMS 42.

Transaction Id contains the current transaction number. It is used during Begin-**Transaction** 110, Commit-**Transaction** 112, and **Abort-Transaction** 114.

POS Server is a reference to an instance of POS Server 54. It is set during Create ...is set to "Invalid" and the modified data member is set to "Not Modified". Finally, **Abort-Transaction** 520 is called to allow **POS Server** 54 to **terminate** its current **transaction**, the **transaction** ID data member is decremented by one, and control is returned to the caller of...is returned to the caller of this function.

Delete 502 deletes an instance of a **POS Server** 54, calls **Abort- Transaction** 520 in case End-Commit 510 had not been called by OMS 42. Next, a...

11/3K/1 (Item 1 from file: 348) <u>Links</u>
EUROPEAN PATENTS
(c) 2007 European Patent Office. All rights reserved.
01701121
Method and apparatus for adding image data representing a background image to print data representing text and printing the text and the background image
Verfahren und Gerat zum Hinzufugen von Hintergrundbilddaten zu textuellen Druckdaten und zum Drucken dieser Text- und Bilddaten
Methode et systeme pour l'addition de donnees d'image de fond a de donnees textuelles et pour l'impression de ces donnees d'image et textuelles

Patent Assignee:

- **SEIKO EPSON CORPORATION**; (730004)
  4-1, Nishishinjuku 2-chome; Shinjuku-ku, Tokyo 163-0811; (JP)
  (Applicant designated States: all)

Inventor:

- **Yokoyama, Kazuyuki**
  Seiko Epson Corp. 3-5, Owa 3-chome; Suwa-shi Nagano-ken 392-8502; (JP)

- **Minowa, Masahiro**
  Seiko Epson Corp. 3-5, Owa 3-chome; Suwa-shi Nagano-ken 392-8502; (JP)

Legal Representative:

- **Hoffmann, Eckart, Dipl.-Ing. (5571)**
  Patentanwalt, Bahnhofstrasse 103; 82166 Grafelfing; (DE)

	Country	Number	Kind	Date	
Patent	EP	1394753	A1	20040303	(Basic)
Application	EP	2003019203		20030825	
Priorities	JP	2002245462		20020826	
	JP	2003206896		20030808	

Designated States:
DE; FR; GB; IT;

Extended Designated States:
AL; LT; LV; MK;

International Patent Class (V7): G07F-017/42; B42D-015/00; G06F-017/60Abstract Word Count: 88
NOTE: 6
NOTE: Figure number on first page: 6

Type	Pub. Date	Kind	Text

Publication: English

Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200410	1276
SPEC A	(English)	200410	7372
Total Word Count (Document A) 8648			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 8648			

Specification: ...and a POS server connected to each of the POS terminals via a network. The **POS server** manages the **POS** terminals. This POS system can also issue color graphic-based **receipts** from the printer without **modifying** the monochrome, text-based application run by the terminal device.

In another aspect of the...

PR Newswire , p 8881
Oct 26 , 1999
Language: English **Record Type:** Fulltext
Document Type: Newswire ; Trade
Word Count: 727

...and training capabilities will help NCR further strengthen its support
infrastructure to meet the ATM, **POS** and enterprise **server**
demands of its many, many customers. Additionally, with our new
found strengths, we anticipate our ability...

14/3,K/4 (Item 1 from file: 148) **Links**
Gale Group Trade & Industry DB
08825512 **Supplier Number:** 18507772 (USE FORMAT 7 OR 9 FOR FULL TEXT)
1996 hotel technology handbook.

Lodging Hospitality , v52 , n6 , p19(18)
June , 1996
ISSN: 0148-0766
Language: English
Record Type: Fulltext; Abstract
Word Count: 1842   **Line Count:** 00152

...applications quicker, he says, they cut down on training time and
expense.
        Forced modifiers, another **POS** enhancement, let **servers**
input special **requests** on the menu items at the table. "It's faster
than if the server has...

14/3,K/5 (Item 1 from file: 810) **Links**
Business Wire
0379495 BW075

**HEWLETT PACKARD 6 : HP(R) INTRODUCES HP OPENPOS; New Low-cost POS Clients and
RISC-based POS Servers, Multivendor Support and Implementation Services Comprise HP's New
Point-of-sale Solution**

January 18, 1994

Byline: Business Editors/Computer Writers

...ranked
(according to DataPro) support organization, HP OpenPOS customers
will receive full support for the **demanding** POS environments.
HP OpenPOS: E-class **POS Servers**
    With OpenPOS, HP introduces a new class of affordable POS servers
that offer unprecedented performance...

14/3K/6 (Item 1 from file: 348) <u>Links</u>
EUROPEAN PATENTS
00957813
PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT
APPARATUS
PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET APPAREIL
PERMETTANT DE GERER CE SYSTEME

Patent Assignee:

* **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.**; (216883)
  1006, Oaza Kadoma; Kadoma-shi, Osaka-fu, 571; (JP)
  (applicant designated states: DE;FR;GB)

Inventor:

* **TAKAYAMA, Hisashi**
  21-22, Matsubara 4-chome,Setagaya-ku; Tokyo 156; (JP)

Legal Representative:

* **Casalonga, Axel et al (14511)**
  BUREAU D.A. CASALONGA - JOSSE Morassistrasse 8; 80469 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	910028	A1	19990421	(Basic)
	WO	9821677		19980522	
Application	EP	97912468		19971114	
	WO	97JP4161		19971114	
Priorities	JP	96316897		19961114	
	JP	97117681		19970422	

Designated States:
DE; FR; GB;

International Patent Class (V7): G06F-017/60; ; **Abstract Word Count:** 119

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	12261
SPEC A	(English)	9916	116678
Total Word Count (Document A) 128939			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 128939			

Specification: ...interface 2417 receives data from the cash register 311 and asserts an interrupt signal 2452 **requesting** the CPU 2400 exchange data with the **cash register** 311 via the RS-232C interface 2417.

The logic controller 2410 internally includes three registers...

14/3K/7 (Item 2 from file: 348) **Links**
EUROPEAN PATENTS

00483896
A system and method for database management supporting object-oriented programming
Datenbankverwaltungssystem und -verfahren zur Unterstutzung von objektorientierter Programmierung
Systeme et procede de gestion de base de donnees permettant la programmation orientations-objet

Patent Assignee:

- **TEXAS INSTRUMENTS INCORPORATED**; (279070)
  13500 North Central Expressway; Dallas Texas 75265; (US)
  (Proprietor designated states: all)

Inventor:

- **Bannon, Thomas J.**
  4912 Haverwood; Dallas, Texas 75276; (US)

- **Vappala, John Joseph**
  1900 Knob Hill; Plano, Texas 75023; (US)

- **Ford, Stephen J.**
  2804 Hacienda Court; Plano, Texas 75023; (US)

- **Perez, Edward R.**
  9511 Liptonshire; Dallas, Texas 75238; (US)

- **Peterson, Robert W.**
  3841 Townbluff Drive; Plano, Texas 75023; (US)

- **Thatte, Satish M.**

1304 Elk Grove; Richardson, Texas 75081; (US)

- **Wang, Chung C.**
  6925 Echo Bluff Drive; Dallas, Texas 75248; (US)
- **Sparacin, Diana M.**
  2212 Covinton Lane; Plano, Texas 75023; (US)
- **Thompson, Craig W.**
  2725 Deep Valley Trail; Plano, Texas 75023; (US)
- **Wells, David L.**
  8593 Hanford; Dallas, Texas 75243; (US)

Legal Representative:

- **Legg, Cyrus James Grahame et al (81121)**
  ABEL & IMRAY; 20 Red Lion Street; London WC1R 4PQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	459683	A2	19911204	(Basic)
	EP	459683	A3	19930414	
	EP	459683	B1	19990818	
Application	EP	91304579		19910521	
Priorities	US	531493		19900530	

Designated States:
DE; FR; GB; IT; NL;

International Patent Class (V7): G06F-017/30; G06F-009/44 **Abstract Word Count:** 88
NOTE: 2
NOTE: Figure number on first page: 2

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application:English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9933	1167
CLAIMS B	(German)	9933	1158
CLAIMS B	(French)	9933	1396
SPEC B	(English)	9933	15634
Total Word Count (Document A) 0			
Total Word Count (Document B) 19355			
Total Word Count (All Documents) 19355			

Specification: ...SQL query is issued to commit all pending changes previously sent to RDBMS 20 by **POS Server** 54. If that **query** fails, another SQL **query** is issued to rollback any pending changes to insure that none of the pending changes...

00576389
PROMOTING SALE OF A SUBSTITUTE PRODUCT
PROMOTION DE LA VENTE D'UN PRODUIT DE SUBSTITUTION

Patent Applicant/Patent Assignee:

- **WALKER DIGITAL LLC;**
  ; ;

- **WALKER Jay S;**
  ; ;

- **TEDESCO Daniel E;**
  ; ;

- **MIK Magdalena;**
  ; ;

	Country	Number	Kind	Date
Patent	WO	200039762	A1	20000706
Application	WO	99US22650		19990929
Priorities	US	98221099		19981228

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English
Filing Language:
Fulltext word count: 12538

Detailed Description:

...470 may also include information similar to that found in inventory database 370 of a **POS server** 120, such as product **demand** information and product pricing information.

The transaction database 480 stores data relating to all transactions... determine if a more profitable but comparable product is available. In another embodiment, the manufacturer **server** 140 may **query** the **POS server** 120 to see if the retailer has an available inventory of a substitute product or... ...identifies appropriate manufacturer servers to receive the transaction data (step 810). In so doing, the **POS server** 120 may **query** the manufacturer database 390 for information. Appropriate manufacturers may be those sharing a similar Standard...embodiment would eliminate the need to query various manufacturers, as well as the need to **query** the **POS server** 120. Such information may

? t /3,k/all

15/3,K/1 (Item 1 from file: 16) <u>Links</u>
Gale Group PROMT(R)

06757316   **Supplier Number: 56901364 (USE FORMAT 7 FOR FULLTEXT)**

NCR Corporation, A World Leader in Global IT Services, Acquires The Permond Solutions Group.
PR Newswire , p 8881
Oct 26 , 1999
Language: English   **Record Type:** Fulltext
Document Type: Newswire ; Trade
Word Count: 727

```
...and training capabilities will help NCR further strengthen its support
infrastructure to meet the ATM, POS and enterprise server
demands of its many, many customers. Additionally, with our new
found strengths, we anticipate our ability...
```

15/3,K/2 (Item 1 from file: 148) <u>Links</u>
Gale Group Trade & Industry DB
11444823   **Supplier Number: 56901364 (USE FORMAT 7 OR 9 FOR FULL TEXT)**
NCR Corporation, A World Leader in Global IT Services, Acquires The Permond Solutions Group.

PR Newswire , 8881
Oct 26 , 1999
Language: English
Record Type: Fulltext
Word Count: 786   Line Count: 00071

```
...and training capabilities will help NCR further strengthen its support
infrastructure to meet the ATM, POS and enterprise server
demands of its many, many customers. Additionally, with our new
found strengths, we anticipate our ability...
```

15/3,K/3 (Item 2 from file: 148) <u>Links</u>
Gale Group Trade & Industry DB
06232647   **Supplier Number: 13727583**
Retailer has client/server make-over. (Neiman Marcus outfits 27 stores and two warehouses)

Bozman, Jean S.
Computerworld , v27 , n8 , p47(1)

Feb 22 , 1993
ISSN: 0010-4841
Language: ENGLISH
Record Type: ABSTRACT

Abstract: ...bases resident on a client/server architecture. The new system consists of IBM RS/6000 **servers** and IBM PC **cash registers**, IBM AIX on **servers**, the **ASK** Ingres relational data base on each **server**, and PC-DOS running on Intel 80386-based IBM PC cash registers. Approximately 15,000...

15/3,K/4 (Item 1 from file: 20) **Links**
Dialog Global Reporter
07927753 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**
NCR Corporation, A World Leader in Global IT Services, Acquires The Permond Solutions Group

PR NEWSWIRE
October 26, 1999
Journal Code: WPRW   **Language:** English   **Record Type:** FULLTEXT
Word Count: 756
(USE FORMAT 7 OR 9 FOR FULLTEXT)

```
...and training capabilities will help NCR further strengthen its support
infrastructure to meet the ATM, POS and enterprise server
demands of its many, many customers. Additionally, with our new
found strengths, we anticipate our ability...
```

15/3K/5 (Item 1 from file: 348) **Links**
EUROPEAN PATENTS
02130738
Media burst control system for multimedia, program, recording medium, media server and terminal
Media-Burst-Steuerungssystem fur Multimedia, Programm, Aufzeichnungsmedium, Media-Server und Endgerat.
Systeme de controle de media en rafale pour multimedia, programme, support d'enregistrement, serveur media et terminal.

Patent Assignee:

- **NEC Corporation**; (7205520)
  7-1 Shiba 5-chome; Minato-kuTokyo; (JP)
  (Applicant designated States: all)

Inventor:

- **Shiraki, Takashi**
  c/oNEC Corporation7-1, Shiba 5-chome,Minato-ku; Tokyo; (JP)

The **PoS server** 21, the WB server 22 and the IM server 23 that received the session initiation...

15/3K/6 (Item 2 from file: 348) <u>Links</u>
EUROPEAN PATENTS

01958895
I/O control apparatus, POS system and printing apparatus including the I/O control apparatus, and a data relay processing method for the I/O control apparatus
Eingangs-/Ausgangssteuerungsgerat, Verkaufsstellensystem und Drucker mit dem Eingangs-/Ausgangssteuerungsgerat, und Datenubertragungsverfahren fur das Eingangs-/Ausgangssteuerungsgerat
Appareil de controle d'entree/sortie, systeme de point de vente et imprimante comportant l'appareil de controle d'entree/sortie, et methode de relais de donnees pour l'appareil de controle d'entree/sortie

Patent Assignee:

- **SEIKO EPSON CORPORATION**; (2132631)
  4-1, Nishishinjuku 2-Chome; Shinjuku-ku, Tokyo 163-0811; (JP)
  (Applicant designated States: all)

Inventor:

- **Nobutani, Tsutomu**
  Seiko Epson Corporation 3-3-5, Owa; Suwa-shi Nagano-ken 392-8502; (JP)

Legal Representative:

- **Hoffmann, Eckart (5571)**
  Patentanwalt, Bahnhofstrasse 103; 82166 Grafelfing; (DE)

	Country	Number	Kind	Date	
Patent	EP	1580704	A2	20050928	(Basic)
	EP	1580704	A3	20051123	
Application	EP	2004030414		20041222	
Priorities	JP	200489403		20040325	

Designated States:
AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IS; IT; LI; LT;
LU; MC; NL; PL; PT; RO; SE; SI; SK; TR;

Extended Designated States:
AL; BA; HR; LV; MK; YU;

International Patent Class (V7): G07G-001/14; G06F-017/60Abstract Word Count: 179
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application:English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200539	2445
SPEC A	(English)	200539	10632
Total Word Count (Document A) 13077			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 13077			

Specification: ...1 for receiving purchased product input data from the input device 32; a product information **query** unit 38-2 for **querying** the **POS server** 40 for price and other product information based on the product code or other input...30 receives purchased-product information from the I/O control apparatus 12 (S301), the POS **terminal** 30 sends a product information **query** to the **POS server** 40 (S301).

When the **POS server** 40 receives the **query** (S401), the **POS server** 40 retrieves the product information and sends the information to the POS terminal 30 (S402...

15/3K/7 (Item 3 from file: 348) <u>Links</u>
EUROPEAN PATENTS
01773058
Information providing apparatus, information receiver, information providing program, information receiving program and wireless communication apparatus
Informationsbereitstellungsgerat, Informationsempfanger, Informationsbereitstellungsprogramm, Informationsempfangerprogramm und drahtloses Kommunikationsgerat
Dispositif fournisseur d'informations, recepteur d'information, programme fournisseur d'informations, programme recevant des informations et appareil de communication sans fil

Patent Assignee:

• **Kabushiki Kaisha Toshiba**; (2077102)
  1-1, Shibaura 1-chome, Minato-ku; Tokyo 105-8001; (JP)
  (Applicant designated States: all)

Inventor:

• **Sugikawa, Akihiko, Intellectual Property Division**

Toshiba Corporation,1-1 Shibaura 1-chome,Minato-ku; Tokyo; (JP)

Legal Representative:

- **Maury, Richard Philip (52804)**
  MARKS & CLERK, 57-60 Lincoln's Inn Fields; London WC2A 3LS; (GB)

	Country	Number	Kind	Date	
Patent	EP	1445894	A2	20040811	(Basic)
Application	EP	2004250718		20040210	
Priorities	JP	200332801		20030210	

Designated States:
AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;
NL; PT; RO; SE; SI; SK; TR;

Extended Designated States:
AL; LT; LV; MK;

International Patent Class (V7): H04L-012/28Abstract Word Count: 119
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200433	1461
SPEC A	(English)	200433	12406
Total Word Count (Document A) 13867			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 13867			

Specification: ...connected to the register control unit 26.

The cash register 1 shown in FIG. 1 **inquires** of the **POS server** 5, which is connected to the cash register 1 via the LAN card 10 and... ...sent from the cash register 1.

By the way, the cash register 1 may not **inquire** of the **POS server** 5 whenever a customer purchases a commodity, but may store amount of money information of...

15/3K/8 (Item 4 from file: 348) **Links**

Publication: English
Procedural: English
Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200435	3195
SPEC A	(English)	200435	16125
Total Word Count (Document A) 19320			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 19320			

Specification: ...terminal sub-control apparatus may store said dealing information on a local terminal which said **POS server** controls. When said transmitting unit transmits a **demand** of said dealing information received and stored from local terminals other than the local terminal concerned among said local terminals which said **POS server** controls, said transmitting unit may retransmit said **demand** by making to have not received said response from said local terminal sub-control apparatus... ...local terminals with a plurality of control apparatuses 210, when controlling a plurality of local **terminals** 300. In this way, the **POS server** 100 can response **request** from local **terminal** 300 on real time, even when there are many local terminals 300 to be controlled...Effect of the Invention

According to this invention, clearly from the above-mentioned explanation, a **POS server** can response immediately to a **demand** from a local **terminal**. Moreover, a low cost POS system can be offered.

Claims: ...second local terminal at least one from said third and fourth control apparatus.

11. The **POS server** according to claim 10, wherein, when a **demand** of information about said dealing information other than the local terminal concerned is received from... ...said plurality of local terminals, said fifth control apparatus transmits said dealing information which said **demand** shows to said local **terminal**.

12. The **POS server** according to claim 8 or 9, further comprising:

said third and fourth control apparatus which... ...fourth local terminal at least one from said third and fourth control apparatus.

13. The **POS server** according to claim 12, wherein, when a **demand** of information about said dealing information other than the local terminal concerned is received from... ...said plurality of local terminals, said fifth control apparatus transmits said dealing information which said **demand** shows to said local **terminal**.

14. The **POS server** according to any of claims 1 to 12; wherein said first control apparatus transmits a... ...local terminal sub-control apparatus stores said dealing information on the local terminal which said **POS server** controls, when said transmitting unit transmits a **demand** of said dealing information received and stored from local terminals other than the local terminal...

15/3K/9 (Item 5 from file: 348) **Links**
EUROPEAN PATENTS

Patent Assignee:

- **FUJITSU LIMITED**; (211463)
  1-1, Kamikodanaka 4-chome, Nakahara-ku; Kawasaki-shi, Kanagawa 211-8588; (JP)
  (Applicant designated States: all)

Inventor:

- **Ho, Denny, Fujitsu Limited**
  1-1, Kamikodanaka 4-chome, Nakahara-Ku; Kawasaki-shi, Kanagawa 211-8588; (JP)

Legal Representative:

- **Mohun, Stephen John (76153)**
  Haseltine Lake & Co., Imperial House, 15-19 Kingsway; London WC2B 6UD; (GB)

	Country	Number	Kind	Date	
Patent	EP	1150234	A1	20011031	(Basic)
Application	EP	2001300439		20010118	
Priorities	JP	2000129207		20000428	

Designated States:
DE; FR; GB;

Extended Designated States:
AL; LT; LV; MK; RO; SI;

International Patent Class (V7): G06F-017/60Abstract Word Count: 112
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application:English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200144	1394
SPEC A	(English)	200144	4921
Total Word Count (Document A) 6315			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 6315			

Specification: ...received. The DM open information managing unit 302 sends DM open information corresponding to an **inquiry** from the **POS server** device 106 (see Fig. 1) of the store 102.

The customer master managing unit 303... ...In addition, the offer information managing unit 304 sends relevant offer information corresponding to an **inquiry** from the **POS server** device 106 (see Fig. 1) of the store 102 (at step

209 shown in Fig...offer information replying function 405 is a function for sending relevant offer information to an **inquiry** from the **POS server** device 106 (see Fig. 1) of the store 102.

A purchased commodity information collecting function... ...commodities (namely, the determined result at step 502 shown in Fig. 5 is Yes), the **POS server** device 106 **inquires** the customer master managing unit 303 of the FSP server device 104 with a key... ...number is a DM recipient (namely, the determined result at step 504 is Yes), the **POS server** device 106 **inquires** the DM open information managing unit 302 of the FSP server device 104 with a

...

15/3K/13 (Item 9 from file: 348) <u>Links</u>
EUROPEAN PATENTS
(c) 2007 European Patent Office. All rights reserved.
01015154
Point-of-sale system including isolation layer
Kassenterminalsystem mit einer isolierenden Softwareschnittstelle
Systeme de point de vente avec une couche logicielle d'isolation

Patent Assignee:

* **NCR INTERNATIONAL INC.**; (1449480)
  1700 South Patterson Boulevard; Dayton, Ohio 45479; (US)
  (Applicant designated States: all)

Inventor:

* **Goodwin, John Coker, III**
  2306 Westfork Court; Suwanee, Georgia 30024; (US)

Legal Representative:

* **Cleary, Fidelma et al (85871)**
  International IP Department NCR Limited 206 Marylebone Road; London NW1 6LY; (GB)

	Country	Number	Kind	Date	
Patent	EP	910030	A2	19990421	(Basic)
	EP	910030	A3	20010214	
Application	EP	98307374		19980911	
Priorities	US	949410		19971014	

Designated States:
BE; DE; FR; GB; NL;

Extended Designated States:
AL; LT; LV; MK; RO; SI;

International Patent Class (V7): G06F-017/60Abstract Word Count: 104
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application:English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	283
SPEC A	(English)	9916	2401
Total Word Count (Document A) 2684			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 2684			

Specification: ...sends the price information to POS terminals 26A and 26B.

Host computer system 12 executes **POS server** software 16 and isolation layer 14. **POS server** software 16 processes **requests** from independent applications 23A and 23B. **POS server** software 16 includes system specific applications 17, such as price look-up (PLU) file software...

15/3K/14 (Item 1 from file: 349) **Links**
PCT FULLTEXT
01444790
CHECKING VALIDITY OF BARCODES IN MOBILE DEVICES THAT DISPLAY THE BARCODES FOR READING BY BARCODE READERS
VERIFICATION DE LA VALIDITE DES CODES-BARRES DANS LES DISPOSITIFS MOBILES QUI AFFICHENT LES CODES-BARRES AFIN QU'ILS SOIENT LUS PAR DES LECTEURS DE CODES-BARRES

Patent Applicant/Patent Assignee:

- **CODEBROKER LLC**; 464 COMMON STREET, Suite 204, Belmont, MA 02478
  US; US (Residence); US (Nationality)
  (For all designated states except: US)

- **SLAVIN Dan**; 80 Old Middlesex Road, Belmont, MA 02478
  US; US (Residence); US (Nationality)

- **SMRZLIC Pero**; 144 Kingswood Circle, Danville, CA 94506
  US; US (Residence); US (Nationality)

- **NELSON Gordon E**; 57 Central Street, Rowley, MA 01969

01062301
CUSTOMIZED MESSAGING ON POINT-OF-SALE SYSTEMS
MESSAGERIE PERSONNALISEE SUR DES SYSTEMES DE TERMINAUX DE POINTS DE VENTE

Patent Applicant/Patent Assignee:

- **GAZELLE SYSTEMS INC**; 377 Elliot Street, Newton Upper Falls, MA 02464
  US; US(Residence); US(Nationality)
  (For all designated states except: US)

- **ELLIS Charles V**; 99 Shady Hill Road, Newton, MA 02461
  US; US(Residence); US(Nationality)
  (Designated only for: US)

- **HANZL John**; 72 East Dedham Street, Loft 3B, Boston, MA 02118
  US; US(Residence); US(Nationality)
  (Designated only for: US)

- **MERCURI Marc**; 45 Rogers Park Avenue, Apartment #2, Brighton, MA 02135
  US; US(Residence); US(Nationality)
  (Designated only for: US)

Patent Applicant/Inventor:

- **ELLIS Charles V**
  99 Shady Hill Road, Newton, MA 02461; US; US(Residence); US(Nationality); (Designated only for: US)

- **HANZL John**
  72 East Dedham Street, Loft 3B, Boston, MA 02118; US; US(Residence); US(Nationality); (Designated only for: US)

- **MERCURI Marc**
  45 Rogers Park Avenue, Apartment #2, Brighton, MA 02135; US; US(Residence); US(Nationality); (Designated only for: US)

Legal Representative:

- **FASSE J Peter(agent)**
  Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110; US;

	Country	Number	Kind	Date
Patent	WO	200391931	A1	20031106
Application	WO	2003US12980		20030424
Priorities	US	2002132842		20020425

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English
Filing Language: English
Fulltext word count: 5738

Detailed Description:

...particular set of credit card numbers has been seen before. The POS interface 43 then **queries** the **POS server 42**
for selected data associated with the
transaction, hereafter referred to as "transaction data."
If...

15/3K/18 (Item 5 from file: 349) <u>Links</u>
PCT FULLTEXT
01035144
**METHOD AND SYSTEM FOR PROVIDING MULTIPLE SERVICES VIA A POINT-OF-SALE PORTAL
ARCHITECTURE**
PROCEDE ET SYSTEME POUR FOURNIR PLUSIEURS SERVICES PAR L'INTERMEDIAIRE D'UNE
ARCHITECTURE DE PORTAILS DE POINTES DE VENTE

Patent Applicant/Patent Assignee:

- **VISA U S A INC**; 123 Mission Street, San Francisco, CA 94105
  US; US(Residence); US(Nationality)

Legal Representative:

- **NG Horace(et al)(agent)**
  TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA

94111-3834; US;

	Country	Number	Kind	Date
Patent	WO	200365178	A2-A3	20030807
Application	WO	2003US3169		20030130
Priorities	US	2002353800		20020130
	US	2002146551		20020514

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PT; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English
Filing Language: English
Fulltext word count: 4400

Detailed Description:

...manages dialogs for the POS device and a services syndication hub that aggregates various services **requested** by the in-store appliance **server**. The **POS** Portal employs Internet connectivity, network and system security, and universal access control. The use of ...

15/3K/19 (Item 6 from file: 349) **Links**
PCT FULLTEXT
01008766
.POS SYSTEM, POS SERVER, SHOP TERMINAL, SALE MANAGING METHOD, AND RECORDED MEDIUM
SYSTEME POS, SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT

Patent Applicant/Patent Assignee:

- **KABUSHIKI KAISHA VISUAL JAPAN**; 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051
  JP; JP(Residence); JP(Nationality)
  (For all designated states except: US)
- **YAMADA Tokuhiro**; c/o Kabushiki kaisha VISUAL JAPAN, 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo
  101-0051
  JP; JP(Residence); JP(Nationality)
  (Designated only for: US)

Patent Applicant/Inventor:

- **YAMADA Tokuhiro**
  c/o Kabushiki kaisha VISUAL JAPAN, 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051; JP;
  JP(Residence); JP(Nationality); (Designated only for: US)

Legal Representative:

- **TAKINO Hideo(et al)(agent)**
  4th Floor, Hiroo SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku, Tokyo 150-0013; JP;

	Country	Number	Kind	Date
Patent	WO	200338774	A1	20030508
Application	WO	2001JP9598		20011101
Priorities	WO	2001JP9598		20011101

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

Publication Language: Japanese
Filing Language: Japanese
Fulltext word count:

English Abstract:

...the transactions of commodities at a plurality of shops, capable of instantly responding to a **request** of a shop **terminal**. The **POS server** (100) is provided with a plurality of managing devices (210) connected with a plurality of...

15/3K/20 (Item 7 from file: 349) <u>Links</u>
PCT FULLTEXT
01008765
POS SYSTEM, POS SERVER, SHOP TERMINAL, SALES MANAGING METHOD, AND RECORDING

MEDIUM
SYSTEME ET SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET
SUPPORT D'ENREGISTREMENT

Patent Applicant/Patent Assignee:

- **KABUSHIKI KAISHA VISUAL JAPAN**; 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051
  JP; JP(Residence); JP(Nationality)
  (For all designated states except: US)
- **YAMADA Tokuhiro**; c/o Kabushiki kaisha VISUAL JAPAN, 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo
  101-0051
  JP; JP(Residence); JP(Nationality)
  (Designated only for: US)

Patent Applicant/Inventor:

- **YAMADA Tokuhiro**
  c/o Kabushiki kaisha VISUAL JAPAN, 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051; JP;
  JP(Residence); JP(Nationality); (Designated only for: US)

Legal Representative:

- **TAKINO Hideo(et al)(agent)**
  4th Floor, Hiroo SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku, Tokyo 150-0013; JP;

	Country	Number	Kind	Date
Patent	WO	200338773	A1	20030508
Application	WO	2001JP9600		20011101
Priorities	WO	2001JP9600		20011101

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

Publication Language: Japanese
Filing Language: Japanese
Fulltext word count:

English Abstract:

A **POS server** (100) for instantly responding to a **request** of a shop **terminal** and for managing the transactions of
commodities at a plurality of shops. The POS server...

STIC

Search Report
EIC 3600

To: MUSSA SHAAWAT
Location: KNX-5D20
Art Unit: 3627
Monday, July 16, 2007

Case Serial Number: 09/9765153

From: PAUL OBINIYI
Location: EIC3600
KNX-4B68 / KNX-4C25
Phone: (571)272-7734

paul.obiniyi@uspto.gov

Search Notes

Dear Examiner SHAAWAT:

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

sira
Search and Information
Resources Administration

STIC Search Results
Feedback Form

USPTO

Questions about the scope or the results of the search? Contact *the EIC searcher or contact*:

Karen Lehman, EIC 3600 Team Leader
KNX 4A58, 571-271-3496

Voluntary Results Feedback Form

➢ *I am an examiner in Workgroup:* [   ]   *Example: 3620 (optional)*

➢ *Relevant prior art **found**, search results used as follows:*

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
  (journal articles, conference proceedings, new product announcements etc.)

➢ *Relevant prior art **not found**:*

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

sira
Search and Information
Resources Administration

STIC EIC 3600
Search Request Form

Today's Date:	Class/Subclass	What date would you like to use to limit the search?
6/27/2007		Priority Date: 11/30/2000 Other:

Name _Mussa ShaaWat_

AU _3627_   Examiner # _80354_

Room # _5D20_   Phone _2-2945_

Serial # _09/976,153_

Format for Search Results (Circle One):

PAPER   DISK   EMAIL

Where have you searched so far?

USP   DWPI   EPO   JPO   ACM   IBM TDB

IEEE   INSPEC   SPI   Other _____

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Claim 1. more specifically.

Consumer returning a merchandise to a chain store other than the one he initially bought it from. The Represetative quaries the store server from a **POS** terminal of return store and sends a cancel instruction to the initial POS ^Terminal and the corrected transaction is stored in the return POS terminal.

g 06 f
" g
" g
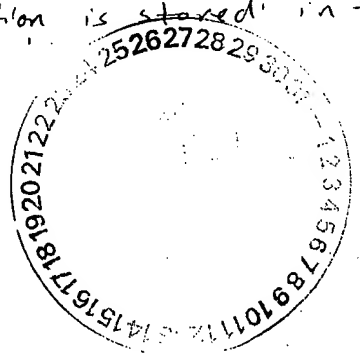
STIC Searcher _Paul Obinyi_	Phone _20734_
Date picked up _07/11/07_	Date Completed _07/16/07_

WARNING - ALLERGY ALERT -- UNDECLARED EGG IN GT CANNED VEGETABLE CONDENSED SOUP

OTTAWA, March 17 /CNW/ - The Canadian Food Inspection Agency (CFIA) is warning consumers allergic to egg not to consume GT brand canned vegetable condensed soup as it may contain egg not declared on the label.

The product is sold in 284 ml cans bearing a UPC 7422501929. This product was manufactured by Freddy Products Inc. of St. Hyacinthe, Quebec and distributed in the provinces of Ontario and Quebec.

Consumption of eggs can cause serious allergic reactions in individuals with an allergy to eggs. There have been no illnesses associated with this product.

Giant Tiger Stores are voluntarily removing the product from the marketplace. Consumers may return this product to the point of purchase for a refund.

The Canadian Food Inspection Agency is monitoring the effectiveness of the recall.

/For further information: Giant Tiger Stores, Don Bradley, Telephone: (613) 521-8222 (ext. 352); Canadian Food Inspection Agency (Ottawa), Mike Fleming (English), Telephone: (613) 225-2342 (ext. 3799), Pager: (613) 364-2002; Nicole Boucherd-Steeves (French), Telephone: (506) 851-7930, Pager: (613) 368-1608. For information on receiving recalls by electronic mail, visit our website at www.cfia-acia.agr.ca/ 18:15 ET

? t /3,k/all

29/3,K/1 (Item 1 from file: 15) <u>Links</u>
ABI/Inform(R)
02108226   66587957
Ready for the returns?

Rosen, Cheryl
Informationweek n819 pp. 22-24
Jan 8, 2001
ISSN: 8750-6874 **Journal Code:** IWK
Word Count: 1738
Text:

...and BlueLight issues credits or sends online checks the same day to
customers who returned merchandise to the stores. BlueLight
doesn't offer cash back to consumers at Kmart's cash
registers, but Kmart customers are returning online
purchases to the store instead of through the mail by a margin of about...

Abstract:

The busiest season for online sales is over and E-retailers now must clean
up the mess: receiving, restocking, and reselling thousands of returned
items and quickly issuing credits to their customers. The good new is that
although returns will continue into February, early reports indicate that,
so far anyway, many online merchants are doing a good job of managing the
process. Returns are so complicated that many E-retailers simply outsource
the whole business to specialists. This has led to a new breed of Internet
sites that focus on taking in returns, paying the consumer and the merchant
quickly, and disposing of the goods online through auction or discount Web
sites and portals.

Text:

The busiest season for online sales is over. Like other post-holiday
revelers, E-retailers now must clean up the mess: receiving, restocking,
and reselling thousands of returned items and quickly issuing credits to
their customers.

Getting it right is important, since 42% of online shoppers say they would
buy more on the Internet if the return process were easier, according to
Jupiter Media Metrix. The good news is that although returns will continue
into February, early reports indicate that, so far anyway, many online
merchants are doing a good job of managing the process.

Nordstrom Inc., for example, has tailored its IT systems to let customers
return online purchases at its stores. The Seattle department-store chain
says returns have been running smoothly, despite the fact that it expects
30% of its online apparel sales to be returned. Nordstrom has a separate IT
system for its Internet and catalog operations, and employees use separate
terminals to handle such returns made at stores. The data feeds into the
online operation's inventory, order, and financial systems, always
remaining separate from store IT systems.

The result: Sales tax isn't automatically calculated into the return, an
issue because most online purchases aren't taxed, while in-store registers
are programmed to add sales tax when calculating the value of a return. And
the store doesn't get hit with the revenue loss. The returned products then
are sent to the Cedar Rapids, Iowa, catalog/online fulfillment center or
are retained by the store for resale if the inventory is needed. "This is a
core part of our way of doing business," says Paul Onnen, chief technology
officer at Nordstrom.com. "We've been successful in meeting customer
expectations."

Today, about 58% of online retailers let customers return their purchases
to brick-and-mortar stores, according to a study completed last week by
Accenture,, formerly Andersen Consulting. In the process, they've addressed
some pressing issues, including sales-tax policies, which part of the
business takes the hit for the returns, and where the returns will be

resold. But many other E-retailers, including Toys "R" Us and Victoria's Secret, don't have IT systems in place to support in-store returns for goods purchased online. For their customers, the only option is to ship back unwanted items-a process that can be a long, costly, and frustrating experience. A few companies are trying to make it easier with outsourced solutions that track and resell goods.

About 5.6%, or $569 million, of all goods bought online this holiday season are expected to be returned-- about twice the volume as last year, according to figures from the Boston Consulting Group and Goldman Sachs. Inbound packages cost two to three times more to handle than outbound ones because employees must inspect the return, repackage it, credit the customer, and put the item back into inventory, says David Schatsky, a Jupiter analyst.

CHILLING OUT: Senior VP Hullinger can enjoy a measure of downtime after the hectic holi day shopping season because Egghead.com outsources its returns to ReturnBuy.com.

SMOOTH SAILING: Nordstrom has experienced few problems with returns of online merchandise even though it expects 30% of all online apparel sales to be returned, says CTO Onnen. Nordstrom "has been successful in meeting customers' expectations with returns," he adds.

Returns can eat up 30% to 35% of potential profits, says Gartner research director Geri Spieler. "Every time a human reads the information and rekeys it into a system, the cost goes up and so does the opportunity for error," she says. Online sites average six to eight human touchpoints in the returns process. "If you handle reverse logistics poorly, you'll find that the cost of disposing of products is going to quickly outrun any revenue that you'll ever realize," says Alex McNealey, du-ector of operations for Bluelight.com LLC, an online retailer that's partly owned by Kmart Corp.

Still, most online retailers haven't invested enough resources in reverse logistics to make returning merchandise hassle-free, Schatsky says. "Online retailers know how important the returns process is, but they still haven't put all the resources into it that they have in other places," he says. Although 51% of online retailers implemented new fullfillment systems last year, only 29% revamped their return processes and systems, according to Jupiter. Even sites with fully electronic fulfillment processes "revert to the horse and buggy for reverse logistics and do everything manually," Gartner's Spieler says.

That helps explain why consumers will spend 35% more time returning goods bought online vs. from a catalog, according to Accenture. Too few E-retailers provide preprinted return labels or instructions, and they require that returns be pre-approved twice as often as catalog companies.

Like Nordstrom, Borders Group Inc. and Kmart have avoided such problems with flexible return policies that permit online returns at their retail outlets. Borders, il, Ann Arbor, Mich., uses software from Brightware Inc. and Epiphany Inc. to track orders regardless of the channel or reason for the return. Because Borders' online unit doesn't operate separately, its stores don't have to worry about returns affecting their bottom line. Each store's point-of-sale system can figure out what the sales tax would have

been at the place where the item was purchased, then refund only the appropriate amount.

"Virtually anything in salable condition can be returned at any Borders store," says Mary Jean Raab, a senior VP in charge of channel convergence. Returns stay at the store for resale, and online customers get a store credit; if they return the item to the online site, they can get a refund. BlueLight.com's customers can take unwanted merchandise back to Kmart's 2,000 stores. BlueLight shares Kmart's reverse-logistics processing network, but the two units keep their data separate. Data on returns is batch-processed once a day and entered into the order-management system. There, sales are matched back to the original order data, and BlueLight issues credits or sends online checks the same day to customers who returned merchandise to the stores. BlueLight doesn't offer cash back to consumers at Kmart's cash registers, but Kmart customers are returning online purchases to the store instead of through the mail by a margin of about three to one.

Still, not all E-retailers are willing or able to handle in-store returns. Toysrus.com formed an alliance with Amazon.com Inc., giving the latter full control of logistics for the toy retailer. "They had some logistics issues to solve, and we were able to solve them," an Amazon spokesman says. Toysrus .com accepts returns only through Amazon's three-step mail-in process. Customers select a reason why they're sending something back, print out a postage-paid and bar-coded return label, and attach it to the package. If the return is because of the company's error, the retailer will absorb the cost of the return postage; if not, it will deduct the cost from the customer's refund.

Similarly, Buy.com Inc. lets customers fill out a template of information on its site, including how they paid for the item, the order number, the reason for the return, and whether they want an exchange or a credit.

Returns are so complicated that many E-retailers simply outsource the whole business to specialists. This has led to a new breed of Internet sites that focus on taking in returns, paying the consumer and the merchant quickly, and disposing of the goods online through auction or discount Web sites and portals.

Egghead.com Inc. is using an outsourced service from ReturnBuy.com Inc. In the past, Egghead returned much of its computer and electronics merchandise to the original manufacturers. "This year, there's been a trend for the big manufacturers to push product off on us with no return privileges," says senior VP of sales and operation Norm Hullinger, who adds that higher sales will result in more returns this year.

That convinced Egghead to try reverse-logistics outsourcer ReturnBuy .com. "ReturnBuy is helping us by taking the product off of our hands," Hullinger says. "It's actually generating more cents on the dollar for us, because returns are its core competency. We understand returns, but we'd rather focus our resources on selling computers and related equipment."

ReturnBuy accepts the returns, credits the customers, and resells the items, charging Egghead $2 to $20 per item, plus a 10% to 50% commission.

MuseumCompany.com, which sells reproductions from museums, outsourced fulfillment and returns to SubmitOrder.com Inc., using return labels that come with every purchase. Says MuseumCompany VP of operations Ned Crosby, "It's important to make sure the customer is credited promptly, and that the goods get back into inventory and are available for sale again quickly" If not, some online retailers may not be around long enough to get the process right next time. -WITH AARON RICADELA, JEFF SWEAT, AND RICK WHITING

Shippers Find That Reverse Logistics Add Up

Shipping companies and the U.S. Postal Service see dollar signs when it comes to reverse logistics-and they're teaming with retailers to make it easier for customers to return items.

United Parcel Service Inc. launched Electronic Returns last year. Customers visit UPS's Web site or the retailer's site to print out bar-coded labels. They can then drop off the returns at any UPS drop point or facility.

Buy.com Inc. is testing the service, which has cut one part of the return cycle time from several days to just a few minutes, says Travis Fagan, Buy.com's VP of customer support. Previously, Buy.com customers had to call and request a return shipping label, which was mailed; now, they can just print one. The service has been handling about two-thirds of Buy.com's holiday returns, says VP of operations Tom Wright, who expects to see holiday returns coming in through February. "If we're not taking [toll-free] calls that cost $6 or $8 each and returns are being processed in two or three days, it has to be more efficient," Wright says.

A similar program from Federal Express, FedEx NetReturn, lets consumers print out return labels at home and drop off packages at any FedEx location. About 150 companies use the service.

The U S. Postal Service offers a similar service, which is used by Returns Online Inc. to handle returns for retailers. The postal service gives Returns Online its own ZIP code to speed delivery times. Customers can return goods to any mailbox or post office using a bar-coded label they print out at Returns Online's Web site. "The more people purchase over the Internet," says Shannon Hauser, Returns Online's chairman and CEO, "the more the problem of returns will come up." --CHERYL ROSEN

THIS IS THE FULL-TEXT.

Count: 1738

? show files

[File 15] ABI/Inform(R) 1971-2007/Jul 12
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 16] Gale Group PROMT(R) 1990-2007/Jul 12
(c) 2007 The Gale Group. All rights reserved.

[File 148] Gale Group Trade & Industry DB 1976-2007/Jul 10
(c)2007 The Gale Group. All rights reserved.
*File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.

[File 160] Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 275] Gale Group Computer DB(TM) 1983-2007/Jul 10
(c) 2007 The Gale Group. All rights reserved.

[File 621] Gale Group New Prod.Annou.(R) 1985-2007/Jul 10
(c) 2007 The Gale Group. All rights reserved.

[File 13] BAMP 2007/Jul W2
(c) 2007 The Gale Group. All rights reserved.

[File 75] TGG Management Contents(R) 86-2007/Jul W1
(c) 2007 The Gale Group. All rights reserved.

[File 95] TEME-Technology & Management 1989-2007/Jul W2
(c) 2007 FIZ TECHNIK. All rights reserved.

[File 9] Business & Industry(R) Jul/1994-2007/Jul 09
(c) 2007 The Gale Group. All rights reserved.

[File 20] Dialog Global Reporter 1997-2007/Jul 13
(c) 2007 Dialog. All rights reserved.

[File 476] Financial Times Fulltext 1982-2007/Jul 13
(c) 2007 Financial Times Ltd. All rights reserved.

[File 610] Business Wire 1999-2007/Jul 13
(c) 2007 Business Wire. All rights reserved.
*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.

[File 613] PR Newswire 1999-2007/Jul 13
(c) 2007 PR Newswire Association Inc. All rights reserved.
*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.

[File 624] McGraw-Hill Publications 1985-2007/Jul 12
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.

```
; d s
Set      Items    Description
S1       523864   S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR
CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER?
?)(3N)((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV??? OR HAND??? OR SEND??? OR TAK??? OR
BRING??? OR BROUGHT)()(IN OR BACK)) OR EXCHANG???)
S2       4933239  S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR
THING? ? OR OBJECT? ? OR COMMODIT???)(5N)(WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR
STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR
MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR
SUPPLIER? ? OR FRANCHISE? ?)
S3       236874   S S2(7N)(CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4       5871257  S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ?
OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ?
OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE?
?)(7N)(SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR
DISTINCT OR APART)
S5       1841739  S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR???
OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?)(7N)(COMPUTER? ? OR
MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR
MICRO()PROCESSOR? ? OR TERMINAL? ?)
S6       495532   S POINT(3N)(SALE? ? OR TERMINAL? ?) OR POS
S7       663892   S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR
POINT(2W)(SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT)()(TERMINAL? ? OR
COMPUTER? ? OR STATION? ?))
```

```
S8      2116082   S (CLOS??? OR STOP? OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT???
OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???)(7N)(COMMAND? ? OR INSTRUCTION? ? OR
SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN
OR PLANS OR GUIDELINE? ?)
S9        61439   S S8(7N) (SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR
TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR
COMMUNICAT??? OR EXCHANG???)
S10           2   S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR
MAKIYA(2N)J?)
S11        4759   S S1(7N)S2
S12           8   S S11(7N)S6
S13           6   RD  (unique items)
S14          10   S S11(7N)S7
S15           8   RD  (unique items)
S16           2   S S15 NOT S13
S17         250   S S1(7N)S3
S18           0   S S17(7N)S7
S19         262   S S1(7N)S9
S20           0   S S19(10N)S7
S21           1   S S19 AND S7
S22           1   S S21 NOT (S13 OR S16)
S23          25   S S7(7N)S9
S24           0   S S23 AND S1
S25           0   S S23 AND S2
S26         742   S S1(7N)S7
S27          17   S S26(15N)S2
S28          12   RD  (unique items)
S29           5   S S28 NOT (S21 OR S13 OR S16)
S30           1   S S26(7N)S5
S31           1   S S30 NOT (S29 OR S21 OR S13 OR S16)
S32           0   S S26(7N)S8
S33         143   S S26(3N)(MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR
ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT???)
S34         106   RD  (unique items)
S35          81   S S34 NOT PY>2000
S36           2   S S35 AND S5

?
```

? t /3,k/all

13/3,K/1 (Item 1 from file:15) **Links**

B2B commerce and its implications for the buyer-supplier interface

Humphreys, Paul; McIvor, Ronan; Cadden, Trevor

Word Count: 8189

Text:

...company that has successfully employed this technology is Wal-Mart.
Wal-Mart stores data on **point-of-sale**, inventory, products in
transit, market statistics, **customer** demographics finance,
product returns, and **supplier** performance (Turban et
al, 2000). The data is used for three broad areas of decision...

13/3,K/2 (Item 2 from file: 15) <u>**Links**</u>
ABI/Inform(R)

03063911   1024087851

EVOLUTION IN BUSINESS FORECASTING: EXPERTS SHARE THEIR JOURNEY

Text:

...in the demand management arena is that customers are placing more and
more responsibility on **vendors** to ensure **product** availability
through arrangements such as **Vendor** Managed Inventory programs. In
return, customers have agreed to make available **point**
-of-sale or point-of-usage data to vendors, which they could
use in their forecasting efforts. Collaborative Planning...

13/3,K/3 (Item 3 from file: 15) <u>**Links**</u>
ABI/Inform(R)

01358772   00-09759
Squeezing more value from data

Foley, John
Informationweek   n609 pp: 44
Dec 9, 1996
ISSN: 8750-6874 **Journal Code:** IWK
Word Count: 455
Text:

...time," says Rick Dalzell, Wal-Mart VP of application development.

The systems house data on **point of sale**, inventory, products
in transit, market statistics, **customer** demographics, finance,
product returns, and **supplier** performance. The data is
used for three broad areas of decision support: analyzing trends, managing
. . .

13/3,K/4 (Item 1 from file: 16) <u>Links</u>
Gale Group PROMT(R)

04725793   **Supplier Number:** 46957401 **(USE FORMAT 7 FOR FULLTEXT)**

Squeezing More Value From Data
InformationWeek , p 44
Dec 9 , 1996
Language: English   **Record Type:** Fulltext
Document Type: Magazine/Journal; Tabloid ; General Trade
Word Count: 457


```
...time," says Rick Dalzell, Wal-Mart VP of application development.
     The systems house data on point of sale, inventory,
products in transit, market statistics, customer demographics,
finance, product returns, and supplier performance.
The data is used for three broad areas of decision support: analyzing
trends, managing...
```

13/3,K/5 (Item 1 from file: 148) __Links__
Gale Group Trade & Industry DB

09166981   **Supplier Number:** 18944509 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wal-Mart ups the pace. (increases emphasis on IT to increase profits) (includes related articles on Wal-Mart's use of the Internet to improve the accuracy of sales forecasts, data warehousing, and IS staff recruitment) (Company Operations)(Cover Story)

Caldwell, Bruce
InformationWeek , n609 , p37(7)
Dec 9 , 1996
Document Type: Cover Story
ISSN: 8750-6874
Language: English
Record Type: Fulltext; Abstract
Word Count: 4674   **Line Count:** 00366

...time," says Rick Dalzell, Wal-Mart VP of application development.
     The systems house data on point of sale, inventory,
products in transit, market statistics, customer demographics,
finance, product returns, and supplier performance.
The data is used for three broad areas of decision support: analyzing
trends, managing....

13/3,K/6 (Item 1 from file:20) **Links**
Dialog Global Reporter
01445104 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**
BC Telecom Announces Dividend Increase

CANADIAN CORPORATE NEWS
April 28, 1998
Journal Code: WCCN **Language:** English **Record Type:** FULLTEXT
Word Count: 147
(USE FORMAT 7 OR 9 FOR FULLTEXT)

BC TELECOM is Canada's second largest telecommunications company, offering
a range of **products** and **services** to customers
throughout **British** Columbia. **BC TELECOM**
shares are listed on the Toronto, Montreal and **Vancouver**
stock **exchanges**. The share symbol is BCT.
    For more information about BC TELECOM, please visit our web...

? t /3,k/all

16/3,K/1 (Item 1 from file:20) <u>Links</u>
Dialog Global Reporter
25554692 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**
Yuba City, Calif., Supermarket Recalls Ground Beef

Tom Nadeau
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (SACRAMENTO BEE - CALIFORNIA)
October 16, 2002
Journal Code: KSAB   **Language:** English   **Record Type:** FULLTEXT
Word Count: 119
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...and check their refrigerators for them. If found, the items should be
returned to the **point** of **purchase**, the USDA spokesman said.
      Perhaps a dozen **customers returned** beef **products**
to the Franklin Road **store**, but none was among the identified
items, assistant store manager Phil Henderson said.
      "But people...

16/3,K/2 (Item 2 from file:20) <u>Links</u>
Dialog Global Reporter
10118466 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**
WARNING - ALLERGY ALERT -- UNDECLARED EGG IN GT CANNED VEGETABLE CONDENSED SOUP

CANADA NEWSWIRE
March 17, 2000
Journal Code: WCNW   **Language:** English   **Record Type:** FULLTEXT
Word Count: 182
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...in individuals with an allergy to eggs. There have been no illnesses
associated with this **product.**
    Giant Tiger **Stores** are voluntarily removing the **product**
from the marketplace. **Consumers** may **return** this product to
the **point** of **purchase** for a refund.
    The Canadian Food Inspection Agency is monitoring the effectiveness of
the recall...

? t /3,k/all

22/3,K/1 (Item 1 from file: 15) <u>Links</u>
ABI/Inform(R)
03113462   929443751
Development and empirical test of a grocery retail instore logistics model

Kotzab, Herbert; Teller, Christoph
British Food Journal v107n8 pp: 594-605
2005
ISSN: 0007-070X **Journal Code:** BFJ
Word Count: 5182
Text:

...knowledge on the real availability in the store and
out-of-stock-situations at the **point of sale (POS)**.
The industrial initiative of Efficient Consumer Response Europe (ECRE)
presented in 2003 additional sources for...

...of vertical partnerships between retailers and manufacturers in form of
superior logistics strategies such as **ECR** or category management are
suggested as success factors for the industry (e.g. Fearne, 1998...

...as presented below (Toporowski, 1996; Kotzab, 2000; Schnedlitz and
Teller, 1999):

(1) Point of destination: **point of sale** - shelves.

(2) **Point** of delivery: incoming dock of the retail outlet.

(3) Objects: single stock keeping units and...

...on the related information flows. We believe that information technology
(IT)-systems such as electronic **point of sale (EPOS)**
connections with material or distribution resource planning systems
(MRP/DRP) or the applications of radiofrequency...

...to generate re-ordering and replenishment.

(6) Processing of transaction. These activities refer to the
exchange processes when **end-users** finally pay
for their purchase. The dispatch of the products leads to replenishment
activities and...International Journal of Logistics Management, Vol. 8 No.
1, pp. 1-13.

EAN-Austria (1997), **ECR** Handbuch Osterreich I (**ECR** Handbook
Austria), EAN-Austria, Vienna.

ECRE (2003), "Optimal shelf availibility", available at: www.ecrnet.org...

? t /3,k/all

29/3,K/1 (Item 1 from file: 15) **Links**
ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rights reserved.
02108226   66587957
Ready for the returns?

Rosen, Cheryl.
Informationweek n819 pp: 22-24
Jan 8, 2001
ISSN: 8750-6874 **Journal Code:** IWK
Word Count: 1738
Text:

...and BlueLight issues credits or sends online checks the same day to
customers who returned **merchandise** to the **stores**. BlueLight
doesn't offer cash back to consumers at Kmart's **cash**
registers, but Kmart **customers** are **returning** online
purchases to the store instead of through the mail by a margin of about...

29/3,K/2 (Item 2 from file: 15) <u>**Links**</u>
ABI/Inform(R)

01868333   05-19325
Benefits of E-CRM

Anonymous
Sales & Marketing Management v151n8 pp: 2A-4A+
Aug 1999
ISSN: 0163-7517 **Journal Code:** SAL
Word Count: 1564
Text:

...end systems such as order processing and shipping. CyberCash also works
with the company's **CashRegister** Service, which automates
customer shipment and **return** processing. CyberCash functions
come in a library based on the component **object** model (COM) and work
with **Site** Server Commerce Edition. CyberCash functions also support
Microsoft Transaction Server, a component of Windows NT...

29/3,K/3 (Item 1 from file: 16) <u>Links</u>
Gale Group PROMT(R)

08201540   **Supplier Number:** 68876615 **(USE FORMAT 7 FOR FULLTEXT)**

Ready For The Returns?(Company Business and Marketing)
Rosen, Cheryl
InformationWeek , p 22
Jan 8 , 2001
Language: English   **Record Type:** Fulltext Abstract
Document Type: Magazine/Journal ; General Trade
Word Count: 1492


```
...and BlueLight issues credits or sends online checks the same day to
customers who returned merchandise to the stores. BlueLight
doesn't offer cash back to consumers at Kmart's cash
registers, but Kmart customers are returning online
purchases to the store instead of through the mail by a margin of about...
```

Battery Makers Launch Recycling Effort: First large-scale program for nickel cadmium batteries involves manufacturers and retailers
Dealerscope Merchandising , p 50
Feb 1 , 1995
Language: English   **Record Type:** Abstract
Document Type: Magazine/Journal ; Trade

Abstract:

...to pay a licence fee that entitles them to display the RBRC logo on
their products. The organization then asks retailers to buy
products with their logo on them and provides the retailers with
point-of-sale promotional literature to encourage the
customers to return the dead batteries for recycling to the
store where they were bought.

? t /3,k/all

31/3,K/1 (Item 1 from file:148) **Links**
Gale Group Trade & Industry DB

07573097   **Supplier Number:** 15846859 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Upclose with the 1994 MVP quality award winners. (profiles of 11 top telemarketing industry executives)
(Industry Achievers)**

...manager; and 2) computer-generated purchase order forms were sent via
Lexi BlastFax Program for **customer** signature; a tollfree
return fax line was provided; only **POs** signed by an
authorized **contact** were submitted to the **client**.
      The Quality Vision: To achieve true quality, a firm must first admit
that total quality...

09166981   Supplier Number: 18944509 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wal-Mart ups the pace. (increases emphasis on IT to increase profits) (includes related articles on Wal-Mart's use of the Internet to improve the accuracy of sales forecasts, data warehousing, and IS staff recruitment) (Company Operations)(Cover Story)

Caldwell, Bruce
InformationWeek , n609 , p37(7)
Dec 9 , 1996
Document Type: Cover Story
ISSN: 8750-6874
Language: English
Record Type: Fulltext; Abstract
Word Count: 4674   **Line Count:** 00366

```
...systems
     Windows 3.1 on desktop, moving to Windows NT
     Workstation; Unix and NT on servers
     Connectivity
     Satellite for 1,800 stores and frame relay for 1,100 stores exchange
35 Gbits  ...than 65 million
     Time between each Barbie sale: 2 seconds
     Annual changes to in-store servers: 3,000
     Daily queries to data warehouse: 10,000
     Store-item combinations in daily sales forecasting: 50 million
     Web...

...time," says Rick Dalzell, Wal-Mart VP of application development.
     The systems house data on point of sale, inventory,
products in transit, market statistics, customer
demographics, finance, product returns, and supplier
performance. The data is used for three broad areas of decision support:
analyzing...
```

07217960   **Supplier Number:** 14951222 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Computerizing inventory: a menu of choices. (bookstores)(includes related information on reasons for computerizing) (Directory)

Stander, Bella
Publishers Weekly ,v241 , n12 , p 18(4)
March 21 , 1994
Document Type: Directory
ISSN: 0000-0019
Language: ENGLISH
Record Type: FULLTEXT; ABSTRACT
Word Count: 3220   **Line Count:** 00279

...563-1425. Contact: Joe Ingersoll, vice-president. Features: PICK
operating system. Cash register ties into computer, so user at POS
can inquire into accounts receivable, input orders or receive
inventory. CRT can be converted to a register...company offers training
seminars and user meetings. This year IBID will introduce BookBrowser, a
multimedia computer kiosk linked to a store's inventory
database, with which customers can search for books by title...5721.
        Contact: Rick Berryman.
        Features: Runs under UNIX. Online, multi-tasking, multi-store
capability. Ordering;, receiving; returns; inventory search;
non-book item tracking; online POS SuperStation, barcode
scanning and printing; special orders; mailing lists and labels; reports;
frontlist diskette import...

? show files

```
; d s
Set      Items     Description
S1       40050     S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR
CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER?
?)(3N)((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV??? OR HAND??? OR SEND??? OR TAK??? OR
BRING??? OR BROUGHT)()(IN OR BACK)) OR EXCHANG???)
S2       121966    S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR
THING? ? OR OBJECT? ? OR COMMODIT???)(5N)(WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR
STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR
MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR
SUPPLIER? ? OR FRANCHISE? ?)
S3       1444      S S2(7N)(CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4       291541    S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ?
OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ?
OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE?
?)(7N)(SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR
DISTINCT OR APART)
S5       878131    S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR???
OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?)(7N)(COMPUTER? ? OR
MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR
MICRO()PROCESSOR? ? OR TERMINAL? ?)
S6       29649     S POINT(3N)(SALE? ? OR TERMINAL? ?) OR POS
S7       42234     S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR
POINT(2W)(SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT)()(TERMINAL? ? OR
COMPUTER? ? OR STATION? ?))
S8       211761    S (CLOS??? OR STOP? OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT???
OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???)(7N)(COMMAND? ? OR INSTRUCTION? ? OR
SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN
OR PLANS OR GUIDELINE? ?)
S9       13185     S S8(7N)(SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR
TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR
COMMUNICAT??? OR EXCHANG???)
S10      492       S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR
MAKIYA(2N)J?)
S11      1         S S10 AND S1
S12      1488      S S1 AND S2
```

```
S13        21    S  S12  AND  S3
S14         2    S  S13  AND  S7
S15         2    S  S14  NOT  S11
S16       483    S  S7   AND  S1
S17        99    S  S16  AND  S2
S18         2    S  S17  AND  S3
S19         0    S  S18  NOT  S15
S20        28    S  S17  AND  S4
S21         5    S  S10  AND  S5
S22         4    S  S21  NOT  (S11  OR  S15)
S23         1    S  S17  AND  S8
S24         1    S  S23  NOT  (S22  OR  S11  OR  S15)
S25         0    S  S17  AND  S9
```

? t /3,k/all

11/3,K/1 (Item 1 from file:350) **Links**
Derwent WPIX

0012696122 *Drawing available*
WPI Acc no: 2002-547127/200258
XRPX Acc No: N2002-433160
Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: ENOKI E; **ENOKI S**; MAKIYA A; **MAKIYA J**

<div align="center">Patent Family (2 patents, 2 countries)</div>

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020065727	A1	20020530	US 2001976153	A	20011015	200258	B
JP 2002230649	A	20020816	JP 2001115975	A	20010413	200269	E

Priority Applications (no., kind,date): JP 2000365866 A 20001130; JP 2001115975 A 20010413

<div align="center">Patent Details</div>

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020065727	A1	EN	20	12		
JP 2002230649	A	JA	11			

...Inventor: **ENOKI S**... ...**MAKIYA J** Original Publication Data byAuthority...Inventor name & address:**Enoki, Shigeki**... ...**Makiya, Jun** ...**Original Abstracts**:corrected when an operator's input error is found or when a purchased product is **returned** by a **customer, and** an easy-**to**-operate POS system can thus be provided.

? t ./3,k/all

15/3,K/1 (Item 1 from file:350) **Links**
Derwent WPIX

0012276120 *Drawing available*
WPI Acc no: 2002-216832/200227
XRPX Acc No: N2002-166231
Retail entertainment/applications distribution system which is capable of providing customer real-time access, usually via the Internet, to libraries of information or products stored in digital form
Patent Assignee: CLARK J R (CLAR-I)
Inventor: CLARK J R

Patent Family (3 patents, 94 count ries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001099061	A2	20011227	WO 2001US19661	A	20010619	200227	B
AU 200172958	A	20020102	AU 200172958	A	20010619	200230	E
AU 2001272958	A8	20051006	AU 2001272958	A	20010619	200612	E

Priority Applications (no., kind,date): US 2000212636 P 20000619

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001099061	A2	EN	10	3		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200172958	A	EN			Based on OPI patent	WO 2001099061
AU 2001272958	A8	EN			Based on OPI patent	WO 2001099061

...**of providing customer real-time access, usually via the Internet, to libraries of information or products stored in digital form Alerting Abstract** USE - Allows **point-of-sale (POS)** manufacturing (e.g. a kiosk in a retail outlet) to output Internet information e.g.... ...of providing customer real-time access, usually via the Internet, to libraries of information or **products stored** in digital form .. Original Publication Data by Authorit**Original Abstracts:**The present invention is a device that provide**point-of-sale ("POS") manufacturing** (such as a kiosk in a retail outlet) for outputting information obtained through the Internet or other transmission...... instant Retail Entertainment/Applications Distribution System ("READS") device has the capabilit in real-time, to **give** the **customer** access, usually via the Internet, to libraries of information or **products stored** in digital **form. These**

accesses are serviced by remote or **local** computers, which act as servers of video, audio, textual, or anyother possible representation form...

15/3,K/2 (Item 2 from file:350) **Links**
Derwent WPIX

0007188398
WPI Acc no: 1995-231778/199530
XRPX Acc No: N1995-180709
Object-oriented secure client server communications network - uses communication directory service with tree structure located in each node with shared libraries and service objects
Patent Assignee: OBJECT TECHNOLOGY LICENSING CORP (OBJE-N); TALIGENT INC (TALI-N)
Inventor: PETTUS C E

Patent Family (3 patents, 46 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1995017063	A1	19950622	WO 1994US3979	A	19940411	199530	B
AU 199473931	A	19950703	AU 199473931	A	19940411	199542	E
US 5594921	A	19970114	US 1993169346	A	19931217	199709	E

Priority Applications (no., kind,date): US 1993169346 A 19931217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1995017063	A1	EN	42	13		
National Designated States,Original	AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA UZ VN					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE					
AU 199473931	A	EN			Based on OPI patent	WO 1995017063
US 5594921	A	EN.	22	13		

Alerting Abstract ...The server node **stores** a service **object** which has a network address for the server node and a reference to the stored network configuration information. The client node retrieves stored service **object** from **local** storage to set up a connection between the client node and the server node using... Original Publication Data by Authority...**Original Abstracts:**are supported by the underlying service.The communications directory service further includes shared libraries which **store** a service **object associated** with each **service** offered on the network. The service object, in turn, includes the service exchange address and... ... are supported by the underlying service. The communications directory service further includes shared libraries which store a service **object** associated with each service offered on the network. **The** service **object**, in turn, includes the service exchange address and communication link configuration information.A client desiring....**Claims:**with each corresponding service;(e) first apparatus located in the client node for retrieving a stored service **object** from the communications directory service program in the client **node** and **for** dynamically configuring a protocol stack based on the stack definition included with the service

object... ... information abouta user and authenticating the user with the service, the first apparatus further**including** means for **returning an** access **point to** a client application executing on the client node, the acss point referencing a portion of...

? t /3,k/all

22/3,K/1 (Item 1 from file:350) <u>Links</u>
Derwent WPIX
(c) 2007 The Thomson Corporation. All rights reserved.

0012495424 *Drawing available*
WPI Acc no: 2002-442924/200247
XRPX Acc No: N2002-348871
Point-of-sale terminal for change management in retail store, has processor to calculate discrepancy between amount of cash before and after transaction and transmits result to upper level device
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: ENOKI E; **ENOKI S**; INOUE K

Patent Family (4 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020030101	A1	20020314	US 2001947533	A	20010907	200247	B
JP 2002092734	A	20020329	JP 2000279139	A	20000914	200247	E
JP 3680721	B2	20050810	JP 2000279139	A	20000914	200554	E
US 6981633	B2	20060103	US 2001947533	A	20010907	200603	E

Priority Applications (no., kind,date): US 2001947533 A 20010907; JP 2000279139 A 20000914

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020030101	A1	EN	23	13		
JP 2002092734	A	JA	9			
JP 3680721	B2	JA	12		Previously issued patent	JP 2002092734

...Inventor: **ENOKI S** ...NOVELTY - A memory, a keyboard and a display unit are **connected** to a **processor**. An interface **communicating** with an upper level device, is **connected** to the **processor**. The **processor** calculates a discrepancy between the amount of cash before and after transaction and sends the... Oginal Publication Data by Authority...Inventor name & address**Enoki, Shigeki**... ...**Enoki, Shigeki Original Abstracts:**Cash received from a customer is placed by cashier into a change device, which is **connected** to a point of sales **terminal**. The change device **counts** an amount of cash by its type, and stores a counted amount into a memory... ... Cash received from a customer is placed by cashier into a change device, which is **connected** to a point of sales **terminal**. The change **device** counts an amount of cash by its type, and stores a counted amount into a memory unitFurther the change device... ...**Claims:**is:1. A point of sales terminal comprising;a processor;an interface unit coupled to **said processor**, and **communicating** with **an** upper level device;a memory unit coupled to **said processor;an** input device coupled to said **processor** and inputting information; and a display unit coupled to said processor;wherein said processor calculates... ... point of sales terminal, comprising:a programmable computer processor;an interface unit coupled to said **processor**, and **communicating** with an upper level device;a memory unit coupled to said processor;an input device coupled to said processor and inputting information;a display unit coupled to said **processor**;a change device

storing **cash** for **change** and discharging an appropriate amount of change, wherein said processor controls the point of sales...

0008690835 *Drawing available*
WPI Acc no: 1998-230147/199820
XRPX Acc No: N1998-182297
POS apparatus with customer terminal for e.g. shopping trolley - includes portable terminal calculator which performs a calculation precess in accordance with first article information and outputs corresponding result for display
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: **ENOKI S**; KIKUCHI K; SAKAI K; SHIMIZU C; SUZUKI C

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5734839	A	19980331	US 1994251286	A	19940531	199820	B
JP 3134613	B2	20010213	JP 1993213600	A	19930830	200111	E

Priority Applications (no., kind,date): JP 1993213600 A 19930830

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5734839	A	EN	25	18		
JP 3134613	B2	JA	22		Previously issued patent	JP 07065239

Inventor: **ENOKI S**... **Alerting Abstract** ...A portable **terminal communication** device **transmits** the first article information stored in the memory in response to a customer operation. An adjustment**terminal** includes an adjustment **terminal communication** device for receiving the first article information**transmitted** by the portable**terminal communication** device. An adjustment**terminal** calculator performs an adjustment process based upon the received first article information from the portable... Original Publication Data by Authority.Inventor name & address:**ENOKI S**... ...**Enoki, Shigeki Original Abstracts:**A Point of Sale(POS) system includes a portable terminalfor a customer **and** an adjustment POS **terminal connected** to the **portable terminal** in a retail store. The portable **terminal** includes an input unit for inputting article codes corresponding to goods selected by a customer.... the article information which is temporarily stored in the storage unit to the adjustment POSterminal. The adjustment **terminal includes a communication unit** for receiving the article information which is sent fromthe portable terminal, and a calculation unit for performing.....**Claims:**result,storage means for storing the first article information and the calculation result, andportable**terminal communication** means for **transmitting** the first article information stored in the storage means in response to a**customer operation**; andan **adjustment terminal** comprising:adjustment **terminal communication** means for receiving the first article information**transmitted** by the portable**terminal communication** means, and**adjustment terminal** calculation means for**performing an** adjustment process based upon the received first**article** information from the**portable terminal.**>

22/3,K/3 (Item 3 from file:350) <u>Links</u>
Derwent WPIX

0007210793 *Drawing available*
WPI Acc no: 1995-257972/199534
Terminal equipment for retail store e.g. supermarket, department store - has second converter to convert high density bar code read by scanner, to transaction information which is transmitted to higher order appts.
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: ENOKI E; **ENOKI S**; SATO M; UCHIUMI K; UTSUMI K; YOSHINAGA S

<div align="center">Patent Family (3 patents, 2 countries)</div>

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7160951	A	19950623	JP 1993307632	A	19931208	199534	B
US 6189781	B1	20010220	US 1994337222	A	19941107	200112	E
US 6460763	B1	20021008	US 1994337222	A	19941107	200269	E
			US 2000733034	A	20001211		

Priority Applications (no., kind,date): JP 1993307632 A 19931208

<div align="center">Patent Details</div>

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 7160951	A	JA	9	10		
US 6460763	B1	EN			Continuation of application	US 1994337222
					Continuation of patent	US 6189781

...Inventor: **ENOKI S** Original Publication Data by Authority...Inventor name & address **Enoki, Shigeki**... ...**Enoki, Shigeki** ...**Claims:**printed on the receipt sheet, and a machine readable bar code pattern, respectively;a host **computer connected** over a network to each of the plural terminal units;each **terminal** unit, upon completion of a transaction, **transmitting** the corresponding specific transaction information over the network to the host **computer**; and the host **computer managing transactions** of the plural **terminal** units, based on the **respective**, specific transaction information thereof **transmitted** thereto.

22/3,K/4 (Item 4 from file:350) **Links**
Derwent WPIX

0006784482 *Drawing available*
WPI Acc no: 1994-170351/199421
XRPX Acc No: N1994-134188
Point-of-sale cash register data processing system for retail store - comprises several input units for reading product bar-codes contg. price data, which is transmitted to calculator-processor after completion of reading of all product bar-codes
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: **ENOKI S**; HAKAMAZUKA K; SATO M

Patent Family (4 patents, 3 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2273380	A	19940615	GB 199325273	A	19931210	199421	B
GB 2273380	B	19960626	GB 199325273	A	19931210	199629	E
JP 3064710	B2	20000712	JP 1992330820	A	19921211	200038	E
US 6108638	A	20000822	US 1993164800	A	19931210	200042	E

Priority Applications (no., kind,date): JP 1992330820 A 19921211

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
GB 2273380	A	EN	50	9		
GB 2273380	B	EN	1			
JP 3064710	B2	JA	11		Previously issued patent	JP 06195570

...comprises several input units for reading product bar-codes contg. price data, which is transmitted to calculator-processor after completion of reading of all product bar-codes Inventor: ENOKI S... Original Publication Data by Authority...Inventor name &address:**ENOKI S**... ...**ENOKI S**... ...**ENOKI S**... ...**Enoki, Shigeki**

t /3,k/all

Derwent WPIX

0008977774 *Drawing available*
WPI Acc no: 1998-531634/199845
XRPX Acc No: N1998-414845
Computerised shopping cart for continuous product recording - has cart with controller that weighs and reads product codes and stores product in base with checkout giving automated receipt
Patent Assignee: FIORDELISI L (FIOR-I)
Inventor: FIORDELISI L

Patent Family (9 patents, 24 count ries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998042239	A2	19981001	WO 1998IT67	A	19980323	199845	B
AU 199867460	A	19981020	AU 199867460	A	19980323	199909	E
EP 923768	A2	19990623	EP 1998912702	A	19980323	199929	E
			WO 1998IT67	A	19980323		
BR 199804796	A	19991207	BR 19984796	A	19980323	200015	E
			WO 1998IT67	A	19980323		
IT 1299117	B	20000207	IT 1997RM165	A	19970325	200201	E
IT 1300499	B	20000503	IT 1998RM129	A	19980305	200206	E
EP 923768	B1	20020724	EP 1998912702	A	19980323	200256	E
			WO 1998IT67	A	19980323		
US 6435407	B1	20020820	WO 1998IT67	A	19980323	200257	E
			US 1998194026	A	19981119		
DE 69806717	E	20020829	DE 69806717	A	19980323	200264	E
			EP 1998912702	A	19980323		
			WO 1998IT67	A	19980323		

Priority Applications (no., kind,date): IT 1997RM165 A 19970325; IT 1998RM129 A 19980305

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1998042239	A2	EN	51	16		
National Designated States,Original	AU BR CA CN JP US					
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 199867460	A	EN			Based on OPI patent	WO 1998042239
EP 923768	A2	EN			PCT Application	WO 1998IT67

					Based on OPI patent	WO 1998042239
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
BR 199804796	A	PT			PCT Application	WO 1998IT67
					Based on OPI patent	WO 1998042239
EP 923768	B1	EN			PCT Application	WO 1998IT67
					Based on OPI patent	WO 1998042239
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 6435407	B1	EN			PCT Application	WO 1998IT67
					Based on OPI patent	WO 1998042239
DE 69806717	E	DE			Application	EP 1998912702
					PCT Application	WO 1998IT67
					Based on OPI patent	EP 923768
					Based on OPI patent	WO 1998042239

...has cart with controller that weighs and reads product codes and stores product in base with checkout giving automated receipt Original Publication Data by Authority.Original Abstracts:cart (1) of new design which interconnects/disconnects to units for the insertion/storage ofproducts upon manual command managed by the SHOPPING COMPUTER aimed at managing shopping problems and controlling all electronic functions... of the customer's operations, one emitting the intelligent multimedia comercial message, one for theexchange of data via ether with the outside, other: the mechanicalcart is parked outside, whereas the insertion units within...

...Claims:system comprises a central system (22) for data exchange via ether / shopping data concentrator, cash register (22f) control for issuingthe receipt, a storage / distribution system control (20); the central system comprises an automatic payment counter (23... system comprises a central system (22) for data exchange via ether/shopping data concentrator, acash register (22f) control for issuing a receipt, a storage/distributionsystem control (20); the central system... installed within the commercial area, and related orientation units.

! show file

; d s
```
Set      Items    Description
S1       50276    S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR
CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER?
?)(3N)((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV??? OR HAND??? OR SEND??? OR TAK??? OR
BRING??? OR BROUGHT)()(IN OR BACK)) OR EXCHANG???)
S2       129364   S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR
THING? ? OR OBJECT? ? OR COMMODIT???)(5N)(WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR
STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR
MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR
SUPPLIER? ? OR FRANCHISE? ?)
S3       3014     S S2(7N)(CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4       429006   S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ?
OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ?
OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE?
?)(7N)(SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR
DISTINCT OR APART)
S5       359245   S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR???
OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?)(7N)(COMPUTER? ? OR
MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR
MICRO()PROCESSOR? ? OR TERMINAL? ?)
S6       34950    S POINT(3N)(SALE? ? OR TERMINAL? ?) OR POS
S7       44048    S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR
POINT(2W)(SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT)()(TERMINAL? ? OR
COMPUTER? ? OR STATION? ?))
S8       313881   S (CLOS??? OR STOP? OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT???
OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???)(7N)(COMMAND? ? OR INSTRUCTION? ? OR
SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN
OR PLANS OR GUIDELINE? ?)
S9       22488    S S8(7N) (SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR
TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR
COMMUNICAT??? OR EXCHANG???)
S10      6        S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR
MAKIYA(2N)J?)
S11      0        S S10 AND S1
S12      414      S S1(7N)S2
S13      21       S S12(7N)S3
S14      4        S S13 NOT AD>2000
S15      57       S S12(7N)S4
S16      1        S S15(7N)S7
S17      6        S S12(7N)S7
S18      5        S S17 NOT (S14 OR S16)
```

```
S19        144    S  S1(7N)S7
S20          1    S  S19(7N)S9
S21          1    S  S20 NOT (S18 OR S14 OR S16)
S22          0    S  S21(7N)S5
S23          6    S  S19(3N)(S4:S5)
S24          6    S  S23 NOT (S18 OR S14 OR S16)

?
```

? t /3,k/all
    14/3K/1 (Item 1 from file: 348) **Links**
EUROPEAN PATENTS
01752676
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

Patent Assignee:

- **ELECTRONIC PUBLISHING RESOURCES, INC.**; (976840)
  460 Oakmead Parkway; Sunnyvale,CA 94086-4708; (US)
  (Applicant designated States: all)

Inventor:

- **Ginter, Karl L.**
  10404 43rd Avenue; Beltsville Maryland 20705; (US)
- **Shear, Victor H.**
  5203 Battery Lane; Bethesda Maryland 20814; (US)
- **Spahn, Francis J.**
  2410 Edwards Avenue; El Cerrito California 94530; (US)
- **van Wie, David M.**
  1250 Lakeside Drive; Sunnyvale Calfornia 94086; (US)

Legal Representative:

- **Smith, Norman Ian et al (36041)**
  fJ CLEVELAND 40-43 Chancery Lane; London WC2A 1JQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1431864	A2	20040623	(Basic)
	EP	1431864	A3	20050216	
Application	EP	2004075701		19960213	
Priorities	US	388107		19950213	

Designated States:
AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE;

Related Parent Numbers: Patent (Application):EP 861461 (EP 96922371)

International Patent Class (V7): G06F-001/00; G06F-017/60**Abstract Word Count:** 151
NOTE: 77

NOTE: Figure number on first page: 77

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total Word Count (Document A) 168379			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 168379			

Specification: ...employed for the use of such content. A trusted organization can acquire information from content **providers** concerning the cost for content provided to a given VDE installation and/or user and...

00566641
METHOD AND APPARATUS FOR VERIFYING PRODUCT SALE TRANSACTIONS AND PROCESSING PRODUCT RETURNS
PROCEDE ET APPAREIL POUR VERIFIER LES OPERATIONS DE VENTE DE PRODUITS ET POUR TRAITER LES RENVOIS DE PRODUITS

Patent Applicant/Patent Assignee:

* .NINTENDO OF AMERICA INC;.
  ; ;

* JUNGER Peter J;
  ; ;

	Country	Number	Kind	Date
Patent	WO	200030014	A1	20000525
Application	WO	99US26460		19991110
Priorities	US	98108170		19981113
	US	99119631		19990211

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language:English
Filing Language:
Fulltext word count: 20033
Detailed Description:

...side portion 523 and the return side portion 521 may also beutilized.

After the **regional retailer return facility receives products** for **return** to the manufacturer, the return side portion 52 1 may access the manufacturer side portion...

. 14/3K/3 (Item 2 from file:349) <u>Links</u>

PCT FULLTEXT

00391508

AN AUTOMATED COMMUNICATIONS SYSTEM AND METHOD FOR TRANSFERRING INFORMATIONS BETWEEN DATABASES IN ORDER TO CONTROL AND PROCESS COMMUNICATIONS

SYSTEME ET PROCEDE DE COMMUNICATIONS AUTOMATISES POUR LE TRANSFERT D'INFORMATIONS ENTRE DES BASES DE DONNEES A DES FINS DE COMMANDE ET DE TRAITEMENT DES COMMUNICATIONS

Patent Applicant/Patent Assignee:

* **INTERMIND CORPORATION**;

  ; ;

	Country	Number	Kind	Date
Patent	WO	9732251	A1	19970904
Application	WO	97US3205		19970228
Priorities	US	96609115		19960229
	US	96722314		19960927

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language:English
Filing Language:
Fulltext word count: 92326

Detailed Description:

...real time.

The next workload involved in communications relationships is when the parties need **exchange**, process, and **store** structured data. In a one-to-many communications relationship, a common example is a consumer...

PCT FULLTEXT
00300850
UPDATE MECHANISM FOR COMPUTER STORAGE CONTAINER MANAGER
MOYEN DE MISE A JOUR POUR MODULE DE GESTION D'ELEMENTS DE STOCKAGE
D'ORDINATEURS

Patent Applicant/Patent Assignee:

• **APPLE COMPUTER INC**;

  ; ;

	Country	Number	Kind	Date
Patent	WO	9519001	A1	19950713
Application	WO	95US196		19950104
Priorities	US	94177853		19940105

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language:English
Filing Language:
Fulltext word count: 119635

Claims:

...run
(i.e., whatever the sizes are for bytes, words, longs,etc,), How it isstored is a function of the metadatareturned from the Metadata **Handler, In** other terms,the New Value Handler has a contract with both theContainer Manager and...

16/3K/1 (Item 1 from file: 349) <u>Links</u>
PCT FULLTEXT
00806383
COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONME NT AND METHOD THEREOF
PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET PROCEDE ASSOCIE

Patent Applicant/Patent Assignee:

*   **ACCENTURE LLP**; 1661 Page Mill Road, Palo Alto, CA 94304
    US; US(Residence); US(Nationality)

Legal Representative:

*   **HICKMAN Paul L(agent)**
    Oppenheimer Wolff & Donnelly,LLP, 1400 Page Mill Road, Palo Alto, CA 94304; US;

	Country	Number	Kind	Date
Patent	WO	200139029	A2	20010531
Application	WO	2000US32309		20001122
Priorities	US	99444655		19991122
	US	99444886		19991122

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Detailed Description:

...otherwise, by actual shopping of competitors and viewing of price tags in a competitor's store or outlet, or from a **customer** at the **point** of **sale** who claims that a certain **product** can be
purchased from a competitor for a certain (i.e., lower) price. "Sale" prices...

EUROPEAN PATENTS
00499287

METHOD AND SYSTEM FOR REMOTE DELIVERY OF RETAIL BANKING SERVICES
VERFAHREN UND SYSTEM ZUR FERNVERTEILUNG FUR DEN KLEINHANDELBANKVERKEHR
PROCEDE ET SYSTEME DE PRESTATION A DISTANCE DE SERVICES BANCAIRES DE DETAIL

Patent Assignee:

- **ONLINE RESOURCES & COMMUNICATIONS CORPORATION**; (1387560)
  1313 Dolly Madison Boulevard, Suite 300; McLean, VA 22101; (US)
  (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

Inventor:

- **LAWLOR, Matthew, P.**
  302 C Street N.E.; Washington, DC 20036; (US)

- **CARMODY, Timothy, E.**
  1211 Summit Road; McLean, VA 22101; (US)

Legal Representative:

- **Kenrick, Mark Lloyd (142311)**
  Marks & Clerk, Sussex House, 83-85 Mosley Street; Manchester M2 3LG; (GB)

	Country	Number	Kind	Date	
Patent	EP	504287	A1	19920923	(Basic)
	EP	504287	A1	19931222	
	EP	504287	B1	19990721	
	WO	9109370		19910627	
Application	EP	91901390		19901210	
	WO	90US7153		19901210	
Priorities	US	448170		19891208	

Designated States:
AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
LI; LU; NL; SE;

International Patent Class (V7): G06F-017/60; G07F-007/10; H04M-017/02;
NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
Publication:English			
Procedural: English			
Application:English			

Available Text	Language	Update	Word Count

CLAIMS B	(English)	9929	2662
CLAIMS B	(German)	9929	2704
CLAIMS B	(French)	9929	3257
SPEC B	(English)	9929	28351
Total Word Count (Document A) 0			
Total Word Count (Document B) 36974			
Total Word Count (All Documents) 36974			

Specification: ...to his account.

POS credits are also possible using standard ATM network messages. If a **customer returns merchandise** to a **retailer** that was paid for using a **POS** debit, the retailer may initiate a POS credit transaction (essentially the same as a POS...

18/3K/2 (Item 1 from file:349) **Links**
PCT FULLTEXT
01385907

RFID TAG WITH VISUAL ENVIRONMENTAL CONDITION MONITOR
ETIQUETTE RFID MUNIE D'UN INDICATEUR VISUEL D'EXPOSITION AUX CONDITIONS
ENVIRONNEMENTALES

Patent Applicant/Patent Assignee:

- **TEMPTIME CORPORATION**; 116 American Road, Morris Plains, NJ 07950
  US; US (Residence); US (Nationality)
  (For all designated states except: US)

- **MARTIN Jean-paul**; 116 American Road, Morris Plains, NJ 07950
  US; US (Residence); FR (Nationality)

- **GRABINER Frederick R**; 116 American Road, Morris Plains, NJ 07950
  US; US (Residence); US (Nationality)

Patent Applicant/Inventor:

- **MARTIN Jean-paul**
  116 American Road, Morris Plains, NJ 07950; US; US (Residence); FR (Nationality);

- **GRABINER Frederick R**
  116 American Road, Morris Plains, NJ 07950; US; US (Residence); US (Nationality);

Legal Representative:

- **PITT Roger(agent)**
  Kirkpatrick & Lockhart Nicholson Graham LLP, 599 Lexington Avenue, New York, NY 10022-6030; US;

	Country	Number	Kind	Date
Patent	WO	200668999	A2-A3	20060629
Application	WO	2005US45945		20051216
Priorities	US	200417534		20041220

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)
AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;

. SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Detailed Description:

...management determinations to be made as to the causes of condition exposure irregularities.

- 14 Substandard **items** detected by inspection**station** 40b at the warehouse **receiving** location can be**returned** to supplier 60, expedited to a**point** of **sale** and discounted, or otherwise handled in a different manner from satisfactory items.

Substandard items detected...

)

PCT FULLTEXT
01357270
CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL
ENSEMBLE COHERENT D'INTERFACES DERIVEES D'UN MODELE D'OBJET COMMERCIAL

Patent Applicant/Patent Assignee:

- **SAP AG**; Diettmar-Hopp-Allee 16, 69190 Walldorf
  DE; DE (Residence); DE (Nationality)
  (For all designated states except: US)

- **SEUBERT Michael**; Vogelsangstr. 10, 74889 Sinsheim
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **ADELMANN Stefan**; Tannhaeuserring 104, 68199 Mannheim
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **ALVAREZ Gabriel**; Heinrich-boell-strasse 23, 68766 Hockenheim
  DE; DE (Residence); US (Nationality)
  (Designated for all)

- **BOCK Daniel**; Fritz-Frey-Str. 5, 69121 Heidelberg
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **BOLD Andreas**; Hartmannstr. 28, 67063 Ludwigshafen
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **BROSSLER Andreas**; Am Schoepfspfad 4, 69251 Gaiberg
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **BUCHMANN Daniel**; Reetzstr. 19, 76327 Pfinztal
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **COLLE Renzo**; Oppelner Str. 2, 76437 Rastatt
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **DOERNER Robert**; Dieselstr. 1, 63071 Offenbach
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **ELFNER Stefan**; Amselgasse 6, 69121 Heidelberg
  DE; DE (Residence); DE (Nationality)
  (Designated for all)

- **FRANKE Stefan**; Delmer Bogen 24a, 21614 Buxtehude

Nebeniusstrasse 33, 76137 Karlsruhe; DE; DE (Residence); DE (Nationality); Designated for all)

- **WAGNER Andre**
  Burghaeldeweg 38A, 74889 Sinsheim; DE; DE (Residence); DE (Nationality); (Designated for all)

- **WINKEL Rudolf**
  Heidelberger Str. 95, 69190 Walldorf; DE; DE (Residence); DE (Nationality); (Designated for all)

- **YU Tao**
  Carl-Spitzwegstrasse 9A, 69190 Walldorf; DE; DE (Residence); CN (Nationality); (Designated for all)

- **ZACHMANN Jens**
  Dudenhofer Strasse 4, 67346 Speyer; DE; DE (Residence) DE (Nationality); (Designated for all)

- **ZADRO Renato**
  Helmhotz Str. 42, 68723 Schwetzingen; DE; DE (Residence); HR (Nationality); (Designated for all)

- **ZIMMERMANN Theo**
  Adolph-Pfisterer-Strasse 31, 69168 Wiesloch; DE; DE (Residence); DE(Nationality); (Designated for all)

- **MAAG Thomas**
  68799 Reilingen; DE; DE (Residence); --(Nationality); (Designated for all)

- **GROSSMANN Toralf**
  69168 Wiesloch; DE; DE (Residence); -- (Nationality)(Designated for all)

- **ZOELLER Michael**
  69231 Rauenberg; DE; DE (Residence); -- (Nationality) (Designated for all)

Legal Representative:

- **FISH & RICHARDSON PC(agent)**
  P.O. Box 1022, Minneapolis, MN 55440-1022; US;

	Country	Number	Kind	Date
Patent	WO	200638924	A2-A3	20060413
Application	WO	2005US21481		20050617
PrioritiesUS		2004581252		20040618
	US	2004582949		20040625
	US	2005656598		20050225
	US	2005669310		20050407
	US	2005145464		20050603
	WO	2005US19961		20050603

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)
AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK;
LR; LS; LT; LU; LV; MA; MD; MG; MK; MN;
MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG;

COMPUTER NETWORK-IMPLEMENTED AFFINITY PROGRAM
PROGRAMME D'AFFINITE MIS EN OEUVRE DANS UN RESEAU D'ORDINATEURS

Patent Applicant/Inventor:

- **KOPF Philip**
  3382 Saxony Glen, Marietta, Georgia30066; US; US(Residence); US(Nationality);
- **TADLEY Darell**
  15645 North 35th Avenue, Ap. 308, Phoenix, Arizona 85053; US; US(Residence); US(Nationality);

Legal Representative:

- **GREENWALD John W(agent)**
  Gardner Groff, P.C., Paper Mill Village, Building 23, Suite 300, 600 VillageTrace, Marietta, GA 30067; US;

	Country	Number	Kind	Date
Patent	WO	200412125	A1	20040205
Application	WO	2003US23790		20030730
Priorities	US	2002399992		20020730

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Detailed Description:

...item from a merchant, the merchant debits the participant's account through the merchant's **point-of-sale (POS)**
terminal. And when a **participant returns** an **item** to a **merchant**, the **merchant** credits the participant's account

18/3K/5 (Item 4 from file:349) <u>Links</u>
PCT FULLTEXT
00192022
METHOD AND SYSTEM FOR REMOTE DELIVERY OF RETAIL BANKING SERVICES
PROCEDE ET SYSTEME DE PRESTATION A DISTANCE DE SERVICES BANCAIRES DE DETAIL

Patent Applicant/Patent Assignee:

- **ONLINE RESOURCES & COMMUNICATIONS CORPORATION**;
  ; ;

- **LAWLOR Matthew P**;
  ; ;

- **CARMODY Timothy E**;
  ; ;

	Country	**Number**	**Kind**	**Date**
Patent	WO	9109370	A1	19910627
Application	WO	90US7153		19901210
Priorities	US	89170		19891208

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language:English
Filing Language:
Fulltext word count: 35081

Detailed Description:

...to his
account.

POS credits are also possible using standard ATM
network messages. If a **customer returns merchandise**
to a **retailer** that was paid for using a **POS** debit,
the retailer may initiate a POS credit transaction
(essentially the same as a POS...

EUROPEAN PATENTS
00918203

Retrieval of image information from an image server via an interfacing device to a communication terminal, wherein user guidance is based on control information stored in the image server

Auszug von Bildinformation aus einer Bilddatenbank uber ein Zwischengerat an ein Kommunikationsendgerat, wobei die Bedienerfuhrung auf in der Bilddatenbank gespeicherter Steuerinformation beruht

Recouvrement de donnees d'image a partir d'une base de donnees d'image et un dispositif entreface vers un terminal de communication, avec guidage d'utilisateur base sur de l'information de contrôe stockee dans la base de donnees d'image

Patent Assignee:

- **NIPPON TELEGRAPH AND TELEPHONE CORPORATION**; (686333)
  19-2, Nishi-Shinjuku 3-chome, Shinjuku-ku; Tokyo 160; (JP)
  (Proprietor designated states: all)

Inventor:

- **Hamano, Teruo**
  NTT Shataku 9-405, 9-2, Sugita, Isogo-ku; Yokohama-shi, Kanagawa-ken; (JP)
- **Sasaki, Tsutomu**
  1-79-1, Maruyama-cho, Chikusa-ku; Nagoya-shi, Achi-ken; (JP)
- **Kajii, Ken**
  1B509, 9-2-12, Sugita, Isogo-ku; Yokohama-shi, Kanagawa-ken; (JP)
- **Sonehara, Noboru**
  NTT Shataku 304, 5-2-1, Shinjuku; Zushi-shi, Kanagawa-ken; (JP)

Legal Representative:

- **Dealtry, Brian et al (42911)**
  Eric Potter Clarkson, Park View House, 58 The Ropewalk; Nottingham NG1 5DD; (GB)

	Country	Number	Kind	Date	
Patent	EP	837597	A2	19980422	(Basic)
	EP	837597	A3	19991229	
	EP	837597	B1	20040630	
Application	EP	97308199		19971016	
Priorities	JP	96277732		19961021	
	JP	96289676		19961031	
	JP	96330961		19961211	
	JP	96330962		19961211	
	JP	96330963		19961211	

	JP	9746173		19970228	

Designated States:
DE; GB;

International Patent Class (V7): H04N-001/327**Abstract Word Count:** 20275
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication:English
Procedural: English
Application:English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200427	2618
CLAIMS B	(German)	200427	2009
CLAIMS B	(French)	200427	3244
SPEC B	(English)	200427	16730
Total Word Count (Document A) 0			
Total Word Count (Document B) 24601			
Total Word Count (All Documents) 24601			

Specification: ...a facsimile terminal. On the image data output to the facsimile, a number for takingout the data is assigned to a **link point on** a home **page**. Therefore, users can obtain the image data of the HTML file on the Internet by...

PCT FULLTEXT
01156721
TRANSACTION PROCESSING
TRAITEMENT DE TRANSACTIONS

Patent Applicant/Patent Assignee:

- **SNAPCOUNT LIMITED**; 100 Capel Street, Dublin 1
  IE; IE(Residence); IE(Nationality)
  (For all designated states except: US)
- **GUILFOYLE Kieron**; Rockield, Church Road, Killiney, County Dublin
  IE; IE(Residence); IE(Nationality)
  (Designated only for: US)

Patent Applicant/Inventor:

- **GUILFOYLE Kieron**
  Rockield, Church Road,Killiney, County Dublin; IE; IE(Residence); IE(Nationality); (Designated only forUS)

Legal Representative:

- **O'BRIEN John A(et al)(agent)**
  John A. O'Brien & Associates, Third Fbor, Duncaim House, 14 Carysfort Avenue, Blackrock, Country Dublin; IE;

	Country	Number	Kind	Date
Patent	WO	200479609	A1	20040916
Application	WO	2004IE32		20040308
Priorities	IE	2003165		20030307

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)
AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;

PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ;
TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language:English
Filing Language: English
Fulltext word count: 4974

Detailed Description:

...transmitting a voucher request message to the
remote host, and the host responding with a **request** response; and
the **point-of- sale terminal** outputting voucher data in**return** for **receiving** payment by the customer,if the host
response is positive.

In one embodiment, the host...

Claims:

...a voucher request message to the
remote host (10), and the host responding with a **request** response; andthe **point-of- sale terminal** outputting voucher
data in **return** for **receiving** payment by the customer, if the host response is positive.
2 A method as claimed..

PCT FULLTEXT
01111241
TRANSACTION SYSTEMS
SYSTEMES POUR TRANSACTIONS

Patent Applicant/Inventor:

- **LAWMAN Matthew**
  14 Devonshire Buildings, Bath BA2 4SP; GB, GB(Residence); GB(Nationality);

Legal Representative:

- **LAWMAN Matthew(agent)**
  14 Devonshire Buildings, Bath BA2 4SP; GB,

	Country	Number	Kind	Date
Patent	WO	200434344	A1	20040422
Application	WO	2003GB4357		20031008
Priorities	GB	200223277		20021008
	GB	200227490		20021126

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language:English
Filing Language: English
Fulltext word count: 13456
Detailed Description:

...on his remote displaydevice 105.

When the operator sees the total displayed by the **POS terminal** 100, he **returns** to the **customer** and **asks** for payment for the six drinks. As the operator walks away from the POS terminal...

24/3K/4 (Item 3 from file:349) <u>Links</u>
PCT FULLTEXT

00934930
METHOD AND SYSTEM FOR ELECTRONIC COMMERCE USING A MOBILE COMMUNICATION SYSTEM
PROCEDE ET SYSTEME DESTINES AU COMMERCE ELECTRONIQUE UTILISANT UN SYSTEME DE COMMUNICATION MOBILE

Patent Applicant/Patent Assignee:

- **CITIBANK N A**; 909 Third Avenue, 28th Floor, New York, NY 10022
  US; US(Residence); US(Nationality)

Legal Representative:

- **MARCOU George(agent)**
  Kilpatrick Stockton LLP, 607 Fourteenth St., N.W.,Suite 900, Washington, DC 20005; US;

	Country	Number	Kind	Date
Patent	WO	200269085	A2-A3	20020906
Application	WO	2002US4961		20020221
Priorities	US	2001270340		20010221

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language:English
Filing Language: English
Fulltext word count: 6456
Detailed Description:

...for electronic commerce comprising: a transaction card associated with a consumerwherein the transactioncard

exchanges data with a **receiving** terminal, e.g., a vending machine, **point**-of- **sale terminal**; a "**contact**-less" integrated circuit within the transaction card; and an antenna embedded within the transaction card...

24/3K/5 (Item 4 from file:349) <u>Links</u>
PCT FULLTEXT
00806382
METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEE N A PLURALITY OF MANUFACTURERS AND SE RVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTE RFACE
PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE

Patent Applicant/Patent Assignee:

• **ACCENTURE LLP**; 1661 Page Mill Road, Palo Alto, CA 94304
  US; US(Residence); US(Nationality)

Legal Representative:

• **HICKMAN Paul L(et al)(agent)**
  Oppenheimer Wolff & DonnellyLLP, 1400 Page Mill Road, Palo Ato, CA 94304; US;

	Country	Number	Kind	Date
Patent	WO	200139028	A2	20010531
Application	WO	2000US32308		20001122
Priorities	US	99444773		19991122
	US	99444798		19991122

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language:English
Filing Language: English
Fulltext word count: 170977

Detailed Description:

...world. In addition, thereare a wide variety of business processes that dictate how a **Point** of **Sale (POS) terminal queries** a user for data and subsequently displays the data. Also,
various vertical market segments, such...

PCT FULLTEXT
00781825
SYSTEM OF REUSABLE SOFTWARE PARTS AND METHODS OF USE
SYSTEME D'UNITES LOGICIELLES REUTILISABLES ET PROCEDES D'UTILISATION

Patent Applicant/Patent Assignee:

- **Z-FORCE CORPORATION**; 151 Kalmus Drive, Suite B-250, Costa Mesa, CA 92626 US; US(Residence); US(Nationality)

Legal Representative:

- **TACHNER Adam H(et al)(agent)**
  Crosby, Heafey, Roach & May, Suite 2000, Two Embarcadero Center, San Francisco, CA 94111; US;

	Country	Number	Kind	Date
Patent	WO	200114959	A2-A3	20010301
Application	WO	2000US22694		20000816
Priorities	US	99149371		19990816
	US	99149624		19990816

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language:English
Filing Language: English
Fulltext word count: 182432
Detailed Description:

...means for changing the set of the contained objects programmatically;
means for establishing a separate**connection** between a **connection point**

? show files

[File 2] **INSPEC** 1898-2007/Jun W4　　　•

[File 35] **Dissertation Abs Online** 1861-2007/Jun

[File 65] **Inside Conferences** 1993-2007/Jul 13

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Jun

[File 256] **TecInfoSource** 82-2007/Jul

[File 474] **New York Times Abs** 1969-2007/Jul 13

[File 475] **Wall Street Journal Abs** 1973-2007/Jul 13

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13
File 583: This file is no longer updating as of 12-13-2002.

[File 23] **CSA Technology Research Database** 1963-2007/Jul

[File 139] **EconLit** 1969-2007/Jun

[File 56] **Computer and Information Systems Abstracts** 1966-2007/Jul

```
; d s
Set      Items     Description
S1       10916     S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR
CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER?
?)(3N)((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV???, OR HAND??? OR SEND??? OR TAK??? OR
BRING??? OR BROUGHT)()(IN OR BACK)) OR EXCHANG???)
S2       124068    S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR
THING? ? OR OBJECT? ? OR COMMODIT???)(5N)(WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR
STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR
MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR
SUPPLIER? ? OR FRANCHISE? ?)
S3       3501      S S2(7N)(CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4       213866    S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ?
```

OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ?
OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE?
?)(7N)(SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR
DISTINCT OR APART)
S5   204166   S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR???
OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?)(7N)(COMPUTER? ? OR
MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR
MICRO()PROCESSOR? ? OR TERMINAL? ?)
S6   14043   S POINT(3N)(SALE? ? OR TERMINAL? ?) OR POS
S7   26682   S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR
POINT(2W)(SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT)()(TERMINAL? ? OR
COMPUTER? ? OR STATION? ?))
S8   169464   S (CLOS??? OR STOP? OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT???
OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???)(7N)(COMMAND? ? OR INSTRUCTION? ? OR
SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN
OR PLANS OR GUIDELINE? ?)
S9   4456   S S8(7N) (SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR
TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR
COMMUNICAT??? OR EXCHANG???)
S10   30   S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR
MAKIYA(2N)J?)
S11   0   S S10 AND S1
S12   281   S S1 AND S2
S13   4   S S12 AND S7
S14   4   RD (unique items)
S15   18   S S12 AND S3
S16   17   RD (unique items)
S17   15   S S16 NOT S14
S18   38   S S12 AND (S4:S5)
S19   0   S S18 AND S9
S20   0   S S18 AND S8
S21   32   S S1 AND S7
S22   31   RD (unique items)
S23   2   S S22 AND S4
S24   1   S S23 NOT (S17 OR S14)
S25   2   S S22 AND S5
S26   1   S S25 NOT (S24 OR S17 OR S14)
S27   0   S S22 AND S9
S28   21   S S22 NOT PY>2000
S29   17   S S28 NOT (S26 OR S24 OR S17 OR S14)

14/3,K/1 (Item 1 from file:2) <u>Links</u>
  Fulltext available through: <u>USPTO Full Text Retrieval Options</u>
INSPEC
05073942
Title: Department stores enter electronic age (checkouts)
Journal: Chain Store Age Executive   vol.67, no.12, pt.3   p. 23

Abstract: ...which a sales associate can turn around toward the customer. Sales associates can now locate items in any store in the chain, provide instant credit or customer returns and capture **customer** names and addresses for promotions and mailings. Other functions include data collect, price lookup, scanning...
Descriptors: point of **sale** systems...

14/3,K/2 (Item 2 from file:2) **Links**
 Fulltext available through: USPTO Full Text Retrieval Options
INSPEC

05057257
Title: Saks makes a 'simple' choice: openness of platform deemed a plus
Journal: Chain Store Age Executive   vol.67, no.11, pt.1   p. 104, 106

Abstract: ...a customer-were what convinced Saks Fifth Avenue to award a major contract for new **point-of-sale**
terminals to Siemens Nixdorf Information Systems,Burlington, Mass. Saks, the 50-unit specialty department store
chain... ...Model 10 registers. Among other things, the new registers will enable sales associates to locate **items** in any
store in the chain, provide instant credit or **customer returns**, and capture **customer** names and addresses for
promotions and mailings.
Descriptors: point of **sale** systems...
Identifiers: ...**point**-of-**sale terminals**;

14/3,K/3 (Item 3 from file: 2) **Links**
   Fulltext available through: custom link   USPTO Full Text Retrieval Options
INSPEC
03332604   **INSPEC Abstract Number:** D84002834
Title: Supermarkets target customers, create loyal, steady shoppers
Author Raphel, M.
Journal: Direct Marketing   vol.47, no.5   p. 74-9

Abstract: ...mail successes are 'the list' and 'the offer'. Supermarkets have 'the offer' built-in. The merchandise in the store. Selection can increase, prices decrease, but the special features that make them different remain the... ..can collect names from contest entries from sign-up sheets or check-cashing applications or **point-of-sale**. And, **point-of-sale** is not necessarily cash-in-the-register which does not give you names. But, there... ...Transfer (EFT) systems can be adapted by retailers to find out their best customers, which **customers** are not **returning**, which **customers** are buying what merchandise. It's the next step after scanning that tells you what...
Descriptors: ...**point of sale** systems
Identifiers: ...**point-of-sale;**

14/3,K/4 (Item 1 from file: 583) **Links**
Gale Group Globalbase(TM)
03880108
Shopping won't be the same again

UK - **PoS** SYSTEMS BENEFIT SMALL LOCAL SHOPS
UK - **PoS** SYSTEMS BENEFIT SMALL LOCAL SHOPS

The value of the installed PoS till base was GBP405 mil at end 1989, with a potential maket of GBP2k. The technology benefits small stores, as the systems can give information of fast selling **products** and assist **store owners** to **receive** maximum **return** for storage space. Franchise holders in the Spar and VG groups have access to the...
...Foods (Coventry, UK) wholesaler to Spar and VG. AF Connect is made up of ICL PoS terminals which use Scanmanager, ICL's back office software and AF;s own software for...

Product: Electronic **Point** of **Sale** Systems

17/3,K/1 (Item 1 from file:2) **Links**
Fulltext available through: USPTO Full Text Retrieval Options

Title: Nonlinear goal programming models quantifying the bullwhip effect in supply chain based on ARIMA parameters

Author Chabchoub, H.; Dhahri, I.
Author Affiliation: Inst. Superieur de Gestion Industrielle de Sfax, Tunisia

Abstract: ...of competitive advantage. The supply chain has essentially served as a link between customers and **products**, producers and **suppliers**. The generation of the new supply **chain** (SC) should be evolutionary, and should be adjusted quickly to the rise or the decrease... ...effect in two respects-namely increase of the stock level and reduction of the service given **back** to **customers**. The solution that we propose to the bullwhip rests on, firstly the use of the...

17/3,K/2 (Item 2 from file: 2) <u>Links</u>
   Fulltext available through: <u>USPTO Full Text Retrieval Options</u>
INSPEC

06831234   **INSPEC Abstract Number:** B9803-6220B-004
Title: OTIAN/sup R/-optical telecommunications infrastructure for the access network
Author Miller, J.
Author Affiliation: Dept. of Networks & Syst., British Telecom London, UK
Journal: British Telecommunications Engineering   vol. 16, pt.3   p. 201-6
Publisher: Instn. British Telecommun. Eng ,
Publication Date: Oct. 1997 **Country of Publication:** UK
CODEN: BTEND4 ISSN: 0262-401X
SICI: 0262-401X(199710)16:3L.201:OOTI;1-C
  Material Identity Number: C593-97007
Language: English
 Subfile: B

Abstract: This **article** describes BT's external optical **plant** designed for introduction into the **local** access network for provision between **exchanges** and **customers**.

17/3,K/3 (Item 3 from file:2) <u>Links</u>
  Fulltext available through: <u>USPTO Full Text Retrieval Options</u>

05820874   **INSPEC Abstract Number:** B9412-6250F-109
Title: UMTS integrated with B-ISDN
Author Norp, T.; Roovers, A.J.M.
Author Affiliation: RACE II MONET Project, PTT Res., Netherlands
Journal: IEEE Communications Magazine   vol.32, no.11   p. 60-5

Publication Date: Nov. 1994 **Country of Publication:** USA
CODEN: ICOMD9 **ISSN:** 0163-6804
U.S. Copyright Clearance Center Code: 0163-6804/94/$04.00
Language: English
Subfile: B
Abstract: ...necessary to provide mobility services to the users. In the scenario discussed in the present article, the UMTS base **stations** are connected to a B-ISDN **local exchange** using the same **user-network-interface (UNI)** as B-ISDN fixed network terminals. Therefore, many of the aspects discussed...

17/3,K/4 (Item 1 from file:35) <u>Links</u>
Dissertation Abs Online
Consumers' channel preferences: An integrated model

...consumers were mailed a 6-page survey asking for their participation. Eight-hundred and one **consumers** **returned** the completed questionnaire (40% response rate), with 754 included in subsequent analyses due to a... ...e, bricks-and-mortar, catalogs, and internet). Other factors influencing channel preferences included risk aversion, **merchandise** uniqueness motives, loyalty to **local merchants**, catalog recreation motives, and the respondent's age. Despite the large number of constructs investigated...

17/3,K/5 (Item 1 from file:474) <u>Links</u>
New York Times Abs

00967142   **NYT Sequence Number:** 084978790114
(Bloomingdale Brothers Inc officials indicate that department store chain will pursue more traditional merchandising program while continuing its innovative role in USretail industry. Company reportedly discerns consumer desire for return to more natural, classic products (S).)
New York Times , Col. 3 , Pg. 11 , Sec. 3
Sunday January 14 1979

(Bloomingdale Brothers Inc officials indicate that department store chain will pursue more traditional merchandising program while continuing its innovative role in USretail industry. Company reportedly discerns consumer desire for return to more natural, classic products (S).)
Descriptors: RETAIL STORES AND TRADE; CONSUMER BEHAVIOR; CONSUMERS AND CONSUMPTION; CONSUMERS AND CONSUMERISM; DEPARTMENT AND CHAIN STORES; DEPARTMENT STORES; MARKETING AND MERCHANDISING; MERCHANDISING

17/3,K/6 (Item 1 from file:583) **Links**
Gale Group Globalbase(TM)
09528522
NVE 6nsker at str6mkunder fVr lavere nettleie

NORWAY: NVE WANTS TO REDUCE INTERNET CHARGES
Finansavisen (AUN) 18 May 2001   Online
Language: NORWEGIAN

...are permitted to be. If receipts exceed this profitability scale then the money will be **returned** to the **customer**. NVE maintains that it is important that the customers are conscious of how much they...
Event: Commodity & Service Prices

17/3,K/7 (Item 2 from file: 583) **Links**
Gale Group Globalbase(TM)

09330953
Onetel dZbordZ par la demande

FRANCE: ONETEL CANNOT FACE DEMAND, SUSPENDS SERVICE
Les Echos (LE)   25 Jul 2000   p.13
Language: FRENCH

...a price of FFr 149 per month including unlimited Internet access and local dis. In **return, customers** must make their long distance and international calls via Onetel.
Event: National Government Economics

17/3,K/8 (Item 3 from file:583) **Links**
Gale Group Globalbase(TM)
09132889
Salmonella ham scare

UK: SAFEWAY RECALLS HAM IN SALMONELLA SCARE
Daily Telegraph (DT)   14 Jul 1999 p.9
Language: ENGLISH

...the salmonellabacteria in one batch of the ham at its plant in Milton KeynesConsumers are urged to **return** the **product** to their **local store** where they will be offered a full refund.

Ossia revises payment terms of Millie's deal

SINGAPORE: ACQUISITION OF MILLIE'S BY OSSIA
Business Times (XBA) 27 Jan 1999 p.17
Language: ENGLISH

Singapore's Ossia **International**, a sporting **goods retailer**, has changed the terms of acquisition of Hong Kong's Millie's, a footwear and.. ...5% of Ossia's enlarged share capital, down from the previous proposed 7.9%. In **return**, Ossia will **receive** 800,000 Millie's shares, or a 80% stake, worth HK$ 9.7 mn (S..

Product: Leather & **Products**

17/3,K/10 (Item 5 from file: 583) **Links**
Gale Group Globalbase(TM)
06157126
Streit |ber deutsche Hdhnchenwer,bung

GERMANY: LOCAL FOOD IN HIGH DEMAND
Frankfurter Allgemeine Zeitung (FA) 27 May 1995 p.9-10
Language: GERMAN

...the UK, greenhouse vegetables with poor taste from the Netherlands and higher environmental awarenesGerman **consumers** are increasingly **returning** to **local** agricultural **products**. Foreign food **suppliers** try to "make their **products** German", partly with unpermissible advertising. Frankfurter Allgemeie reports on the dramatic changes in consumer behaviour...

17/3,K/11 (Item 6 from file:583) **Links**
Gale Group Globalbase(TM)
05874125
L'ANNEE DU TERROIR

FRANCE: REGIONAL PRODUCTS ARE GROWING
Produits Frais (PRF)   Jul-Aug 1993   No11, p.14-15,18-20
Language: FRENCH

Pushed by the recession and consumer's **return** to **local products**, large retail **stores** are increasingly interested in regional **products**. Chains like Systeme U, Casino and Leclerc are showing interest in this type of product...

17/3,K/12 (Item 7 from file: 583) **Links**
Gale Group Globalbase(TM)
04526099
Importance of 'Organic' Products in Major Stores

FRANCE - MONOPRIX LAUNCHES SECOND GREEN PRODUCT CAMPAIGN
French Technology Survey (FTS) 0 August 1991 p5
Language: French
Importance of 'Organic' Products in Major Stores

Monoprix, a store chain, has launched a second 'green' product campaign in its 282 stores following the success of its first such campaign in 1990. The 32 environmentally friendly products ....as detergents without phosphates and batteries without mercury, the second campaign is promoting what the products do actually contain. Monoprix stores are offering a total of 24 new green products, including pure and natural body care... ...are involved. Monoprix is also considering the introduction, in June 1991, of a scheme whereby customers can exchange old plastic bags for bags manufactured from natural fibres such as cotton or jute.

17/3,K/13 (Item 8 from file:583) <u>Links</u>
Gale Group Globalbase(TM)

04374495
BLOCKBUSTER EXPERIMENTING WITH ONE-DAY VIDEO RENTALS

US - BLOCKBUSTER EXPERIMENTING WITH ONE-DAY VIDEO RENTALS
Billboard (BBD)   6 July 1991   p5,74
ISSN: 0006-2510

...more heavily on selected titles in a bid to increase the amount of hit rental **product** available in its **stores**. While confirming that the **chain** is experimenting with one-day rentals, Ron Castell, Blockbuster's senior VP of programming and... ...financial performance. Meanwhile UI Video, a Blockbuster franchisee, has also introduced a plan to encourage **customers** to **return** new releases within 24 hours.

17/3,K/14 (Item 9 from file:583) **Links**
Gale Group Globalbase(TM)
04048239
BUT CONVERTS CATALOGUE TO COMPUTER-BASED SYSTEM

FRANCE - BUT CONVERTS CATALOGUE TO COMPUTER-BASED SYSTEM
Retail Week (RWK) 11 January 1991 p12

...is converting its Product Bible its catalogue of products, to a computer-based system. BUTInternational is the cataloguing centre for**products** and **suppliers** and the **article** describes its method of maintaining contact with franchisee stores, branded with the company nameIt... ...details filed on the head officecomputer. Details and benefits of the new system are**given in** the article. The **buyers'** workstations will be extended to sales personnel, who will in turn display products to customers.

17/3,K/15 (Item 10 from file: 583) **Links**
Gale Group Globalbase(TM)
01458132
REWE ENCOURAGES RETURN TO NEIGHBOURHOOD SHOPS

W GERMANY - REWE ENCOURAGES RETURN TO NEIGHBOURHOOD SHOPS
Rundschau Fuer Den Lebensmittel Handel (RDE)   0 November 1987   p28
Language: German

...200 sq mt, have no chance of survival in competition against large supermarkets, the Rewe **chain** is encouraging a return to neighbourhood **shops** stocking a wide variety of **goods**. The wider range and lower prices have encouraged **consumers** to **return** to neighbourhood shops, and after only one year 250 Rewe retailers have chosen to return...

? t /3,k/all

24/3,K/1 (Item 1 from file:99) <u>Links</u>
Fulltext available through: <u>USPTO Full Text Retrieval Options</u>
Wilson Appl. Sci & Tech Abs
2619484 **H.W. Wilson Record Number:** BAST03120844
Point of Purchase

Point of Purchase

Abstract: ...corrugated containers (OCCs) is discussed. The endeavors of recovered fiber dealers looking for material, store owners seeking a return on their OCC material, and baler manufacturers seeking to place machines at generation points have... ...for OCC may be dropping, there is a substantial contingent of balers working at grocery stores, big box retailers, and other store locations, generating a steady stream of baled OCC, and providing a reliable supply of recovered...

? t /3,k/all

26/3,K/1 (Item 1 from file:583) <u>Links</u>
Gale Group Globalbase(TM)
09524344
Visa exchange aims to fast-track e-commerce on IP-based system

UK: VISA LAUNCHES DIRECT EXCHANGE NETWORK
Computer Weekly (CRW) 03 May 2001 p.4
Language: ENGLISH

...Direct Exchange, that is able to handle all types of electronic payments. The system uses **point-of-sale terminals** which are **linked** directly to the seller's bank via the Visa network, accelerating payment processing and also enabli **consumers** to **exchange** Visa payments directly. The network is expected to handle 10,000 messages per second and...

? t /3,k/all

29/3,K/1 (Item 1 from file:2) **Links**
 Fulltext available through: <u>USPTO Full Text Retrieval Options</u>
INSPEC

05964354
Title: The latest in electronic marketing: a kiosk that exchanges unwanted coupons
Journal: Chain Store Age Executive   vol.71, no.5   p. 214, 216

Abstract: A new kiosk **exchanges** coupons **consumers** don't want with ones they presumably do.
Identifiers: ...**point** of sale;

29/3,K/2 (Item 2 from file:2) <u>Links</u>

04600599   **INSPEC Abstract Number:** C90028791

Title: The human interface to computerised banking services

Author Scallon, D.

Author Affiliation: Dept. of Psychol., Queen's Univ. of Belfast, UK

Conference Title: Human-Computer Interaction - INTERACT '87. Proceedings of the Second IFIP Conference p. 79-84

Editor(s): Bullinger, H.-J.; Shackel, B.; Kornwachs, K.

Publisher: North-Holland , Amsterdam, Netherlands

Publication Date: 1987 **Country of Publication:** Netherlands   xli+1138 pp.

ISBN: 0 444 70304 7

Conference Date: 1-4 Sept. 1987   **Conference Location:** Stuttgart, West Germany

Language: English

 Subfile: C

Abstract: ...laser card technology, screen-based and voice-based home banking, and electronic funds transfer point of sales (EFTPOS) systems. While current generation ATMs have already introduced many people to computer-based services... ...ensure firstly, that they are used at all and secondly, to ensure the maximum beneficial returns for both customers and vendors. These technologies will play a major part in introducing non-computer-users to...

Descriptors: ...**point** of **sale** systems

Identifiers: ...**point** of **sales**;

29/3,K/3 (Item 3 from file:2) <u>Links</u>
   Fulltext available through: <u>USPTO Full Text Retrieval Options</u>
INSPEC
04087675   **INSPEC Abstract Number:** D88000830
Title: Europe schedules plastic card pact
Author Tutt, N.
Journal: Banking Technology   vol.5, no.1 p. 22-5

Abstract: ...holders, lays down detailed commercial,technical and legal guidelines on cooperation between banks, retailers and **consumers. Exchange** gateways for online authorisation will be established between the two major val networks. The package...
Descriptors: ...**point** of **sale** systems

29/3,K/4 (Item 4 from file: 2) <u>Links</u>
 Fulltext available through: <u>USPTO Full Text Retrieval Options</u>
INSPEC

03490991   **INSPEC Abstract Number:** D85002061
Title: Interlink switch to reach 650000 merchants
Journal: Bank Systems & Equipment   vol.22, no.5   p. 56

Abstract: The **point-of-sale** switch shared by the top five California banks in the Interlink networks expected to...
...Based on a hub-and-spoke model, the Interlink switch is the intermediary in all **POS** transactions, which include preauthorisation, balance inquiries, payments and **consumer returns.** Store-forward capabilities will allow Interlink or even one of the member banks to determine...

Descriptors: ...**point** of **sale** systems
Identifiers: point-of-**sale** switch... ...**POS** transactions... ...**consumer returns**

29/3,K/5 (Item 5 from file:2) <u>Links</u>
   Fulltext available through: <u>USPTO Full Text Retrieval Options</u>
INSPEC

03111190   **INSPEC Abstract Number:** B83051184
Title: An integrated satellite network service
Author Mittal, S.; Kim, K.
Author Affiliation: American Satellite Co., Rockville, MD, USA
Journal: Telecommunications   vol.17, no.6   p. 34, 36

Publication Date: June 1983 **Country of Publication:** USA
CODEN: TLCOAY **ISSN:** 0040-2494
Language: English
 Subfile: B

Abstract: Considers the development of a special class of dedicated service called Satellite Data **Exchange customer** premises service. This innovation was implemented by a five-meter earth station providing 56-kbps point-to-point duplex **service**. Today the general services system is either an FDM, FDMA (Frequency Division Multiplex/Frequency Division...
Identifiers: ...Satellite Data **Exchange customer** premises service...

29/3,K/6 (Item 1 from file:256) **Links**
TecInfoSource

00143952   **Document Type:** Review

Product Names: UniFi PRO (146733)

Title: Fifth Third's Legacy: Out with Allel, in with Fiserv
Author: Solomon, Melissa
Source: Bank Technology News ,   v15 n11   p31(1) Nov 2002
ISSN: 1060-3506
Homepage: http://www.banktechnews.com

File Segment: Review
Record Type: Product Analysis
Grade: Product Analysis, No Rating
Revision Date: 20030330

...slow mortgage processing. Loan officers will have more control over all tasks and processes from **point-of-sale** to closing so they can be more flexible with **customers. Returns** will come from speed of delivery, getting to close faster, and with internal operating efficiencies...

29/3,K/7 (Item 1 from file:474) **Links**

00536432   **NYT Sequence Number:** 103462741024

(Jean Dubuffet painting brings record price of $340,000 on Oct 23 at auction of impressionist and modern paintings at Sotheby Parke Bernet. Sale of paintign to london dealer Peter Matthews is high point of sale during which about 1/3 of works offered were brought back by their owners. NY dealer Klaus Perls and head of Sotheby modern paintings dept Paul Rewald comment.)

New York Times , Col. 1 , Pg. 50

Thursday October 24 1974

...paintings at Sotheby Parke Bernet. Sale of paintign to london dealer Peter Matthews is high point of sale during which about 1/3 of works offered were brought back by their owners. NY dealer Klaus Perls and head of Sotheby modern paintings dept Paul Rewald comment.)

29/3,K/8 (Item 1 from file: 583) **Links**
Gale Group Globalbase(TM)

09269976
Asahi Bank to lure customers to ATMs with gifts

JAPAN: ASAHI TO PROMOTE ATMS THROUGH PRIZES
Nikkei Net Interactive (ATM) 11 Apr 2000   NihonKeizai Shimbun, online
Language: ENGLISH

...points appeared on the cards. However, the scratch cards will only be given to individual customers who **put in** deposit of minimum Y 300,000 through ATMs. Trial operations will be kicked off in...

Product: Retail Banking Services Clearing Banks Commecial Banks Electronic **Point of Sale** Systems

29/3,K/9 (Item 2 from file: 583) **Links**
Gale Group Globalbase(TM)
06598179
P&G commits to long-term investment plan

THAILAND: INVESTMENT PLAN OF P&G
The Nation (XBO) 10 Mar 1998 P.B2
Language: ENGLISH

...for Thailand in 1998, B700 mn more than 1997's allocation. The introducton of **ECR** (Efficient Consumer Response) will be emphasised by P&G. The system helps cut down on product supply chain's waste. Human resource development, bonding with Thaiconsumers and the **bringing in** of new technology will aso be stressed by the firm in 1998. For the Asian...

29/3,K/10 (Item 3 from file:583) **Links**
Gale Group Globalbase(TM)
06462292
Consumers returning to ATMs as Eftpos use levels out

AUSTRALIA: MORE SWITCHING FROM EFTPOS TO ATMS
The Australian Financial Review (AFR) 18 Apr 1997 P.57
Language: ENGLISH
Consumers returning to ATMs as Eftpos use levels out

...234 at end-1995 to 136,645 at end-1996. Bank executives claimed that some consumers had return to ATMs and credit cards transactions after the initial fascination with Eftpos wore off. In..

Product: Credit Card Services Nonbank Credit Card Firms Electronic Point of Sale Systems

29/3,K/11 (Item 4 from file:583) <u>Links</u>
Gale Group Globalbase(TM)
06322150
Les quatre rYgles d'or

FRANCE: MAKING THE DEPARTMENT ATTRACTIVE
Le Monde du SurgelZ (XOS) May 1996 p.26-28
Language: FRENCH

...is to catch the customer's eye by well-thought-out merchandising, with carefully placed **POS** display, and by packaging which must be even more attractive, since they are less likely to be picked up and taken in **hand in** this department. Moreover, **consumers** want to fantasize, with enticing offers and the possibility of winning objects or voyages. However...

29/3,K/12 (Item 5 from file:583) **Links**
Gale Group Globalbase(TM)
06142296
Guinness unveils #8m revamp of beer bottles

IRELAND: GUINNESS INVESTS IN NEW BOTTLES
Irish Times (IT) 20 Apr 1995 p.14
Language: ENGLISH

...take-home market and, in this case, promotion or deposit will be used to encourage **customers** to **return** their bottles to the **point** of **sale**. The revamp of the bottles should enable products to be more attractive both for publicans...

29/3,K/12 (Item 5 from file:583) **Links**
Gale Group Globalbase(TM)

29/3,K/13 (Item 6 from file: 583) <u>Links</u>
Gale Group Globalbase(TM)
06080977
CLINIQUE: TURNAROUND PEAUX SECHES

FRANCE: CLINIQUE'S NEW TURNAROUND CREAM
Cosmetique News (XMN)   14 Nov 1994   p.10
Language: FRENCH

...FFr 240 for a 50 ml jar. The launch is backed bya campaign including**return** cards which invite **customers** to withdraw a sample packet at the beginning of January**POS** display, a press campaign starting 15 January 1995 and a radio campaign starting 24 January...

29/3,K/14 (Item 7 from file: 583) **Links**
Gale Group Globalbase(TM)

05248150
Statistics via The Exchange

UK - THE EXCHANGE LAUNCHES NEW STATISTICS ACCESS SERVICE
Money Week (MYW) 5 August 1992 p11

...provide users with collective investment statistics. Micropal is providing the service, which will give all **Exchange users** access to performance data on the full range of Micropal-monitored investment trust, offshore funds, pension and life funds and unit trusts. IFAs will be provided with **point** of **sale** material such as bar charts on their screens.*

Move to increase cardboard recycling

UK - MORE CARDBOARD RECYCLING INITIATIVE LAUNCHED
Financial Times (C) 1991 (FT)   10 September 1991   p6

...common ground in the European Community. Fom December 1991 German consumers will be able to **return** transport packaging on **consumer** goods to the **point** of sale, to be collected by the producer. In the UK about 60 per cent of transport...

STIC

Scientific & Technical Information Center

Search Report
EIC 3600

To: MUSSA SHAAWAT
Location: KNX-5D20
Art Unit: 3627
Tuesday, July 03, 2007

Case Serial Number: 09/976153

From: CARYN WESNER-EARLY
Location: EIC3600
KNX-4B68 / KNX-4C29
Phone: (571)272-3543

caryn.wesner-early@uspto.gov

Search Notes

If a modification or re-focus of this search is needed, please let me know.

Caryn S. Wesner-Early, MSLS
ASRC Technical Information Specialist
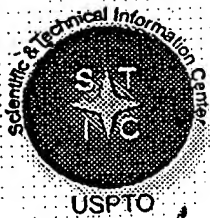EIC 3600, US Patent & Trademark Office
Phone: (571) 272-3543
Fax: (571) 273-0046
caryn.wesner-early@uspto.gov

229251
105/21

RUSH sear~

SPE
3627
23063B

STIC EIC 3600
Search Request Form

Today's Date:	Class/Subclass	What date would you like to use to limit the search?
6/27/2007		Priority Date: 11/30/2000 Other:

Name _Mussa Shaawat_

AU _3627_   Examiner # _80354_

Room # _5D20_   Phone _2-2945_

Serial # _09/976,153_

Format for Search Results (Circle One):

PAPER   DISK   EMAIL

Where have you searched so far?

USP   DWPI   EPO   JPO   ACM   IBM TDB

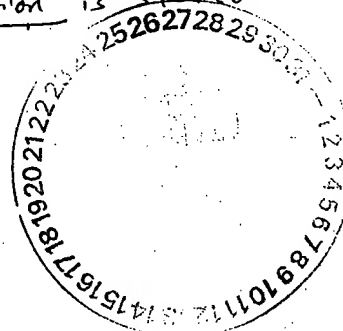IEEE   INSPEC   SPI   Other _____

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Claim 1. more specifically.

Consumer returning a merchandise to a chain store other then the one he initially bought it from. The Represetative quaries The store server from a **POS** terminal of return store and sends a cancel instruction to the initial POS ^Terminal and the corrected transaction is stored in the return POS terminal.

g 06 f

" g

" g

STIC Searcher _____	Phone _____
Date picked up _____	Date Completed _____